THE CHEMICAL SENSITIVITY OF LAKES TO ACIDIC DEPOSITION AND THE RISK TO FISH POPULATIONS

NORTHEASTERN REGION

ONTARIO FISHERIES ACIDIFICATION REPORT SERIES NO. 86-04

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The Ontario Fisheries Acidification Report Series has been established by the Ontario Ministry of Natural Resources to document findings from studies conducted as part of the Fisheries Acidification Program. These reports are intended to contribute to our knowledge of acidification effects, but they should also be of general interest to fisheries managers.

These reports are basically progress reports. Much of this information will appear later in journal papers.

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1.0 Introduction

In 1982, the Ministry of Natural Resources in cooperation with the Ministry of Environment initiated the Extensive Survey as part of the Fisheries Acidic Precipitation Program. The major objective of this survey was to create a data set which could be used by biologists and resource managers to predict the chemical sensitivity of Ontario's lakes to acidic deposition and the risk to fish populations. Under this program two data sets were created:

1) the Sensitivity Data Set, which contains water chemistry data from about 4500 lakes in the province.

2) the Comprehensive Data Set, which contains data on fish species presence, lake water chemistry and lake morphometry from approximately 3000 lakes in the province.

In this report these two data bases are used to describe the acid sensitivity of lakes sampled in Northeastern Region and the risk to sport fish species. Reports are also available for the Northwestern, North Central, Northern and Algonquin regions.

2.0 Methods

Eighty-three percent of the lake water samples were collected using the tube composite sampling method (MOE 1979) which provides a reasonably accurate measure of whole lake water chemistry (MOE 1979). Samples were collected in the centre of the lake over the period from 1978 to 1984. Since 44.1% and 43.7% of the lakes were sampled in the summer and fall/winter, respectively, very few observations reflect worst case water chemical conditions that may occur in the spring due to snowmelt (Jeffries et al. 1980, Gunn and Keller 1984). pH and total inflection point alkalinity were measured using either field meters accurate to +- 0.01 pH units (MOE 1979) or at federal and provincial laboratories (MOE 1981 and Env. Can. 1979). All other parameters were analyzed at government laboratories. Fish species presence data originated from the Aquatic Habitat Inventory Program (Dodge et al. 1985).

2.1 DISTRIBUTION OF SAMPLES

2.1.1 By District

The number of lakes sampled in each MNR administrative district, included in the Sensitivity Data Set, is shown in Figure 1. The sample size is largest for the Algonquin (N=538; including lakes both inside and outside the Algonquin Park boundary) and Bracebridge (N=413) districts. The sample size is lowest for the Red Lake (N=11) and Ignace (N=13) districts.

The Northeastern Region was intensively sampled (N=1019) with the highest percentage of lakes sampled in the Wawa District. Sampling was lowest in the Temagami District.

2.1.2 By Size Class

The size distribution of sampled lakes for all of Ontario and for the Northeastern Region, is shown in Figure 2. Of the total number of lakes sampled in Ontario, the highest percentage (48.7%) are 10-99 ha in size. Approximately 33% are 100-999 ha, and 11.51% and 6.5% are in the size classes (1-9 ha) and (>=1000 ha), respectively. Although only 11.51% of the lakes sampled in

all of Ontario are 1-9 ha in size, 68.7% of the total number of lakes in Ontario actually occur in this size class (Cox 1978). There is therefore an under-representation of small lakes in our current data set. As smaller lakes are more vulnerable to acidification than larger lakes (Minns 1981), this report may underestimate the total number of lakes at risk due to acidification stress.

Figure 3 shows the distribution of lakes sampled in each size class, by district, for the Northeastern Region. In Blind River, Espanola and Temagami districts, the highest percentage of lakes sampled are 100-999 ha in size, whereas in North Bay, Sault Ste. Marie, Sudbury and Wawa districts, the majority of sampled lakes are in the 10-99 ha size class.

3.0 DEPOSITION

pH is measured on a scale from 1 to 14, with a pH of 7 being neutral. A pH of 1 indicates a very acidic solution while a solution of pH 13 is very alkaline. Clear, unpolluted rain is slightly acidic with a pH of approximately 5.6. The pH scale is logarithmic and therefore a pH of 4 is 10 times more acidic than a pH of 5, and 100 times more acidic than a pH of 6.

The weighted mean annual precipitation pH for each MNR region is illustrated in Figure 4. The pH isopleths were derived from deposition data reported by the Ministry of

Environment (1983), and adjusted southwards to conform to MNR district boundaries according to the method used by Minns (1981). For this report, districts lying south of the pH 4.3 isopleth receive a mean annual precipitation pH of less than 4.3. The Northeastern and Algonquin regions are located mainly in this deposition zone. The Northern, Northwestern and North Central regions are located north of the 4.3 isopleth and therefore receive a mean annual precipitation pH of > 4.3. Deposition data from MOE sampling stations shows that Northeastern Region receives a mean annual precipitation pH of between 4.16 and 4.35 (MOE 1983).

The Sudbury deposition zone historically received high loadings of sulphur dioxide due to local smelting operations (Dillon et al. 1980, Keller et al. 1980). In recent years, water quality in many lakes in this area has begun to improve. Increases in pH and total inflection point alkalinity (TIA) and decreases in sulphate (SO4) reflect reduced deposition from the Sudbury smelting industry (Keller and Pitblado 1984). This zone is approximately delineated by longitudes 80'00 and 81'30 and latitudes 46'00 and 47'30. The MNR districts of Gogama, North Bay, Sudbury and Temagami are located largely in the Sudbury deposition zone.

4.0 CHEMICAL SENSITIVITY

The type of bedrock and surficial sediment in an area and the neutralizing capacity of surface waters determines its chemical sensitivity to acidic deposition. Highly sensitive areas are located on non-calcareous granite, granite gneiss, orthoquartzite or syenite (Shilts 1981). The Canadian Shield is largely underlain by this non-calcareous bedrock. Areas located on limestone based bedrock are less sensitive to acidic deposition (Shilts 1981).

Figure 5 shows that most of the area in the Northwestern, North Central, Northern, Northeastern and Algonquin regions is highly sensitive to acid precipitation.

The chemical influence of non-calcareous underlying bedrock may be masked by glacially transported calcareous till (overburden) (Shilts 1981). Some lakes northeast of Lake Superior (ie. in Northern Region) are a good example of this. These lakes, despite their underlying acid sensitive bedrock, are alkaline in nature because of the effects of overburden (Shilts 1981). The buffering capacity of the glacial cover depends on its thickness and composition (Shilts 1981). Hence, lakes in close proximity to one another may differ in their chemical sensitivities with respect to acidic deposition. Because of this, large scale mapping (eg. Figure 5) cannot be used to accurately classify lakes in small management zones

(Brousseau et al. 1985).

5.0 TOTAL INFLECTION POINT ALKALINITY

Alkalinity is a measure of the acid neutralizing capacity of water (MOE 1982).

The Ministry of the Environment (1982) has subjectively established the following five sensitivity categories based on total inflection point alkalinity and has described the associated biological effects:

Acidified Lakes (TIA <=0 ueq/l)

These lakes usually have pHs below 5.0. Fish populations will be severely stressed and many species may be lost. Clams, snails and many amphibians may be absent. Algal mats may accumulate in the inshore area.

Extremely Sensitive (0 <TIA <=40 ueq/l)

During snowmelt, pH levels may be severely depressed and aluminum concentrations increased in nearshore areas, creating potentially toxic conditions for aquatic biota.

Moderate Sensitivity (40 <TIA <=200 ueq/l)

During most of the year, the water quality of these lakes is not harmful to fish. In high acid deposition areas, however,

the pH may be depressed in the nearshore areas of certain lakes during snowmelt.

Low Sensitivity (200 <TIA <=500 ueq/l)

These lakes generally experience low pH only under very extreme snowmelt conditions.

Not Sensitive (TIA >500 ueq/l)

These lakes contain enough buffering capacity to neutralize current levels of acidic precipitation.

Based on the above MOE classifications, 36.67% of lakes sampled in the Northeastern Region are classified as being moderately sensitive to acidification (Figure 6). Approximately 19% of the sampled lakes are extremely sensitive to acidification and 11.40% are acidified. This region has the highest percentage of extremely sensitive lakes when compared to the Northwestern, North Central, Northern, and Algonquin regions. Of the remaining lakes sampled, 17.94% and 15.16% have a low sensitivity or are not sensitive to acidification, respectively. By comparison, in the Northern Region, an area of lower deposition, 90.75% of the sampled lakes have alkalinities >=200 ueq/l.

Figure 7 shows the distribution of sampled lakes in each alkalinity class, by district. Sudbury district has the highest percentage (71%) of extremely sensitive and acidic lakes, while

in Sault Ste. Marie district, only 2 lakes; Lake 9 and Carpenter Lake, are acidified (Table 1).

6.0 pH

As a lake acidifies, acid sensitive species such as walleye(Stizostedion vitreum), smallmouth bass (Micropterus dolomieu), and lake trout (Salvelinus namaycush) may be impaired at pHs below 5.5 (Beamish 1976, Harvey 1980, Beggs et al. 1986). More acid tolerant species such as the rock bass (Ambloplites rupestris), and yellow perch (Perca flavescens), may respond to lake acidification with increased growth and/or population size, at least temporarily (Harvey 1980). These tolerant species will eventually disappear if water quality deteriorates further (Harvey 1980).

To examine the data on lake pH and compare regions we have categorized pH into four arbitrarily selected classes: (less than 5.0, 5.0-5.49, 5.5-5.99, >=6.0). The majority of pH values used in this report were obtained from either summer, fall or winter composite samples and therefore do not represent minimum pH levels that can occur during episodic events, such as spring snowmelt (Jeffries et al. 1979).

Figure 6 shows that 88.09% (N=895) of the lakes sampled in the Northeastern Region have pHs >=5.5. Conversely, fish populations in 11.91% of the lakes are likely impaired or

extinct due to acidic deposition.

Fish surveys and water chemistry surveys were generally not conducted in the same year. For lakes outside the Sudbury area, there is no record of significant change in pH over the time between surveys (Matuszek and Beggs 1986). Therefore, it seems reasonable to associate the pH values and species number for these lakes. However, there was a significant change in pH over the sample period in the Sudbury area lakes (Keller and Pitblado 1986). Consequently, fish species presence in these lakes may have changed over the time period between surveys. For example, lake trout and smallmouth bass were reported to be present in Great Mountain Lake in 1973, but these fish populations are now extinct (V. Liimatainen pers. comm.). Whitepine Lake once contained brook trout and aurora trout which are now extinct (Liimatainen 1985). David Lake currently contains lake whitefish which are no longer recruiting (V. Liimatainen pers. comm.).

The pH class of sampled lakes by district is shown in Figure 8. Sault Ste. Marie District has the highest percentage (97.67%) of sampled lakes with pHs >=5.5, suggesting that fish populations in the majority of lakes in this district are unaffected by acidic deposition. Sudbury District contained most of the acidic lakes, with 35.96% of the sampled lakes having pHs <5.5.

7.0 SULPHATE

The sulphate (SO4) concentration found in water is related to the atmospheric deposition of sulphuric oxides,a principal component of acid precipitation (MOI 1981). Sulphate may be deposited locally after undergoing chemical transformation, or it may be transported long distances by air currents before settling (Mulvaney and Hadden 1981).

The median SO4 concentrations for lakes sampled in the Northwestern, North Central, Northern, Northeastern, and Algonquin regions were all above the background sulphate level of 3.0 mg/l, postulated by Dillon (1983) to be typical of remote Canadian shield lakes not affected by long range air pollution. The median SO4 concentration is 8.3 mg/l for the Northeastern Region and 11.0 mg/l for lakes in the Sudbury zone. Although the Sudbury zone, located in the Northeastern Region, currently receives similar rain pHs as the entire region, historically the Sudbury area received high sulphate loadings from local smelting operations (Harvey 1981). Of the lakes sampled in Northeastern Region, approximately 100% have SO4 concentrations above 3.0 mg/l compared with 66.25% in North Central Region, which is located in an area of lower deposition.(Figure 9).

Based on these SO4 concentrations, the Northeastern Region has the highest proportion of stressed lakes when compared to the Northwestern, North Central and Northern regions.

In North Bay, Sault Ste. Marie, Sudbury, Temagami and Wawa

districts, all of the lakes sampled have SO4 concentrations above 3.0 mg/l.

Districts with a sample size less than 20 were not included in this analysis because SO4 levels in fewer than 20 lakes may not be representative of lakes in the entire district. Hence Blind River and Espanola districts were omitted.

8.0 TOTAL ALUMINUM

Metals, such as aluminum (Al), are found in elevated concentrations in low pH lakes (Wright and Gjessing 1976); hence there is a strong inverse relationship between pH and aluminum concentrations in lakes (Baker 1982). Both field and laboratory studies have shown that the death of fish in acidic waters can be attributed, not only to low pH levels, but also to elevated concentrations of inorganic aluminum (Baker 1982, Odonell et al. 1984). At a pH of 5.0 to 5.2, aluminum has been found to be toxic in low concentrations. Concentrations of 0.1 mg/l and 0.2 mg/l inorganic aluminum are acutely toxic to white sucker and brook trout fry, respectively (Driscoll et al. 1980, Baker and Schofield 1982).

Both osmoregulatory stress, due to impaired ion exchange, and respiratory distress, caused by mucous clogging of gills and gill damage, are associated with aluminum toxicity (Baker 1982).

In this data set total Al was measured, total Al being comprised of inorganic and organic forms. The organically complexed form is less toxic to fish than the inorganic form (Baker 1982). Measurements of total Al may therefore substantially overestimate the potential toxicity to fish (Baker 1982).

Based on the above, lakes sampled with total Al>=0.1 mg/l (the lower limit of toxic effect for fish) were charted for each region and district (Figures 10 and 11).

In the Northeastern Region, 27.32% of the sampled lakes have Al>=0.1 mg/l, which is high when compared to all other regions. In Northwestern Region, which receives the highest deposition pH, only 3.77% of the sampled lakes have Al concentrations above the lower limit of toxic effect. The median aluminum concentration for sampled lakes in this region is 0.0525 mg/l, and 0.022 mg/l for lakes in the Northwestern Region. Since the pH for many of the lakes sampled in this region is below the critical pH (pH <6.0), and Al concentrations in close to 30% of the lakes sampled are above lethal concentrations (Al >0.1 mg/l), a proportion of the fish populations in the region are at risk.

Figure 11 shows the percentage of sampled lakes having Al>=0.1 mg/l by MNR administrative district. Wawa District has the lowest percentage (16.9%) of sampled lakes with Al concentrations >= 0.1 mg/L, while Sudbury District has the highest (47.57%). Blind River and Espanola districts were

omitted from this analysis because they had a sample size of less than 20.

9.0 RESOURCES AT RISK

The current status of various sport fish lakes and the sensitivity of these lakes to future acidification is examined in order to determine the potential loss to sport fisheries on both a regional and district scale. Lake trout, brook trout (Salvelinus fontinalis), smallmouth bass, lake whitefish (Coregonus clupeaformis) and walleye lakes are considered because of their importance to anglers. The percentage of sport fish lakes falling into each pH/alkalinity category was used to determine the resources at risk due to acidification. The alkalinity categories used in this section were modified from those of MOE (1983) which were used in the previous analyses. Since no evidence has been found for fisheries loss at TIA >=40 ueq/l, we consider only 3 alkalinity classes (TIA<=0, 0<TIA<40, TIA>=40 ueq/l).

9.1 Lake Trout

Lake trout, one of the most acid sensitive species (Harvey 1975, Beamish 1976 and Beggs et al. 1985), is found throughout the Canadian shield area of Ontario (Figure 12). Of the total number of lake trout lakes, 55% occur in the area of highest deposition (Beggs et al. 1985).

The pH threshold, below which lake trout are impaired due to acidification, was found to be 5.5 by Beggs et al. (1985), Schindler et al. (1985) and Beamish (1976). Since 6.05% (N=15) of the sampled lake trout lakes in the Northeastern Region have a pH <5.5 (Figure 13), we would predict that lake trout populations in these lakes are either currently impaired by acidification or extinct. Beggs et al. (1986) estimated that lake trout are extinct in 3.0% of the lake trout lakes in Ontario and impaired in 4.0% (pH <5.5) of the lakes. All known cases of lost lake trout populations are confined to the Sudbury loadzone (Beggs et al. 1986).

Approximately 31% of the lake trout lakes in the Northeastern Region are either extremely sensitive to acidic deposition (N=55) or acidified (N=21). This would suggest that these lakes are at risk from further acidic deposition.

9.2 Smallmouth Bass

Smallmouth bass lakes are largely concentrated in southcentral Ontario, the area of highest acid loadings (Figure 14). The distribution of this species is limited by northern latitudes because of the importance of temperature on the population dynamics of this species (Shuter et al. 1980).

Harvey (1980) found successful reproduction in this species was impaired at pH 5.3. Since 96.27% (N=103) of the smallmouth bass lakes sampled in the Northeastern Region have pHs >=5.5, it would appear that the health of most smallmouth bass populations in this region is currently unaffected by acidification (Figure 13). Based on TIA classifications, however, 20% of the smallmouth bass lakes are extremely sensitive to acidification (N=17) or already acidified (N=4). This would indicate potential future losses to the smallmouth bass fisheries due to acidification, if emissions continue at current or increased rates.

9.3 Lake Whitefish

Figure 15 illustrates that Lake whitefish lakes are widely distributed throughout Ontario.

Preliminary results of laboratory experiments suggest that the pH threshold for lake whitefish fry held in waters of calcium=3.5 mg/l is approximately 4.5 (P. Ihssen pers. comm.). This threshold pH compares favourably with Harvey's findings (pH 4.5) for lake whitefish in the LaCloche mountain lakes (Harvey 1979). However, in a netting survey of Grace Lake (pH 4.93) in Northeastern Region, only two mature whitefish were captured, suggesting the population is small and no longer recruiting (V. Liimatainen pers. comm.). We therefore assume the threshold for lake whitefish to be pH 5.0.

Since 99.27% (N=136) of the sampled lake whitefish lakes in the Northeastern Region have pHs >=5.0, we would predict the health of most of the whitefish populations in the region to be currently unaffected by acidification. About 15% (N=20) and 7% (N=9) of the lake whitefish lakes in the Northeastern Region are either extremely sensitive to acidification or already acidified, suggesting that these lakes are at risk from further acidic deposition (Figure 13).

9.4 Walleye

Walleye are widely distributed throughout Ontario (Figure 16). This species, although tolerant of a great range of environmental conditions, appears to reach greatest abundance in large shallow, turbid lakes (Scott and Crossman 1973).

Beamish (1976) observed walleye populations to decline or disappear between a pH of 5.5 and 6.0. Figure 13 shows that 93.10% (N=108) of the sampled walleye lakes in the Northeastern Region have a pH>=6.0. Since walleye are at risk due to acidification when the pH is below 6.0 (Hulsman et al. 1983), only a small percentage of the sampled walleye lakes in this region may be impaired by acidification. Based on TIA classifications, 9.65% (N=11) of the walleye lakes in the Northeastern Region are extremely sensitive to acidic deposition, and the species is therefore are at risk from further acidification.

9.5 Brook Trout

Northeastern Region has relatively few brooktrout lakes. The majority of brook trout lakes are found in southcentral Ontario (Figure 17). Brook trout lakes, being small in area and high in elevation, are very susceptible to surface water

acidification (Beggs et al. 1986).

The threshold pH for brook trout has been found to be 5.0 by Schofield (1976) and Beggs et al. (1986). This threshold pH is supported by field observations by Beggs et al. (1985). Netting surveys of 17 brook trout lakes (pH 4.7-6.2) showed an absence of brook trout in lakes with pH <5.0.

At present approximately 99% of the regions brook trout lakes have a pH above the safe level of pH >5.0. However, some extinction such as the loss of native aurora trout,a colour phase of brook trout, has occured due to acidification (Liimatainen 1985). These losses of aurora trout occured in all three native aurora trout lakes (Wilderness, Whirligig, Whitepine) during the early 1960's (Keller 1978). The original aurora trout lakes now have a pH of about 4.6 - 4.8 and AL levels greater than .100 mg/l (Liimatainen 1985).

The brook trout waters of Northeast Region are however relatively sensitive to further acidic deposition. Approximately 30% have alkalinities less than 2.0 mg/l.

10.0 SUMMARY

Deposition data from MOE sampling stations shows that the Northeastern Region receives a mean annual rain pH of 4.16 to 4.35 (MOE 1983). This is 18 to 28 times more acidic than pure rain unaffected by long range transport (pH 5.6).

Sulphate levels in 99.77% of the sampled lakes within the region are above background levels; therefore, virtually all lakes in this region have been affected by long range transport of sulphuric oxides.

Based on alkalinity classes, the majority (69.77%) of lakes sampled in this region are well buffered, being moderately to not sensitive to acidification. However, 17.94% of the sampled lakes are extremely sensitive to acidification and 15.16% are acidified.

In the Northeastern Region, 11.91% of the lakes sampled have pHs <5.5. Fish populations in these lakes have probably been impaired by acidic deposition.

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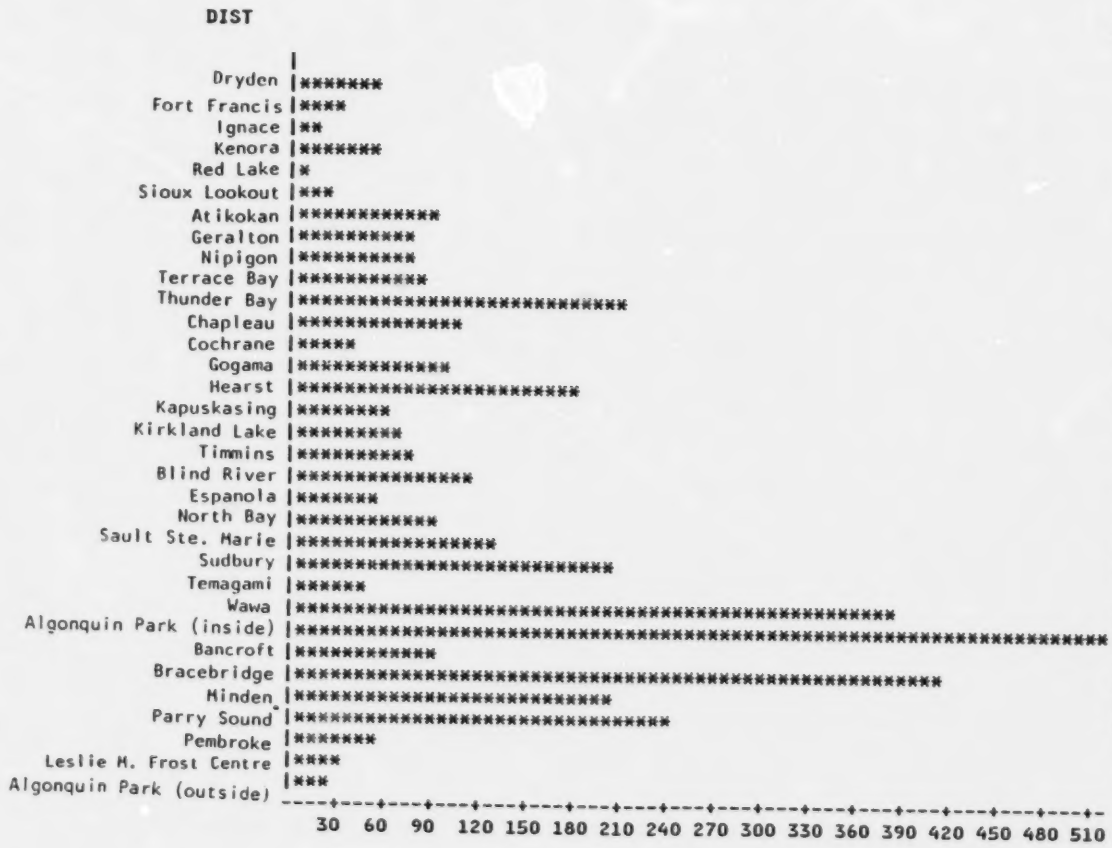
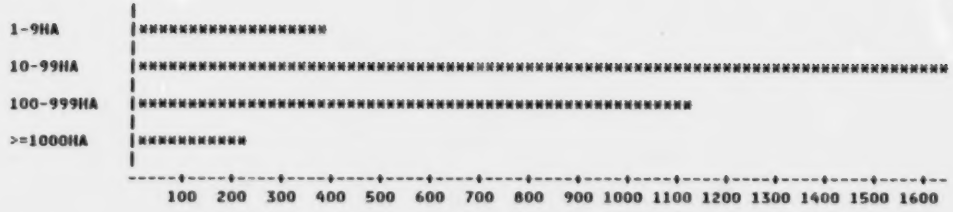
FIGURE 1: THE NUMBER OF LAKES SAMPLED IN EACH MNR ADMINISTRATIVE DISTRICT FROM THE SENSITIVITY DATA SET.



	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
Dryden	50	50	1.27	1.27
Fort Francis	29	79	0.74	2.01
Ignace	13	92	0.33	2.34
Kenora	52	144	1.33	3.67
Red Lake	11	155	0.28	3.95
Sioux Lookout	22	177	0.56	4.51
Atikokan	88	265	2.24	6.75
Geraldton	76	341	1.94	8.69
Nipigon	77	418	1.96	10.65
Terrace Bay	84	502	2.14	12.79
Thunder Bay	207	709	5.28	18.07
Chapleau	103	812	2.62	20.69
Cochrane	40	852	1.02	21.71
Gogama	101	953	2.57	24.29
Hearst	177	1130	4.51	28.80
Kapuskasing	63	1193	1.61	30.40
Kirkland Lake	69	1262	1.76	32.16
Timmins	74	1336	1.89	34.05
Blind River	115	1451	2.93	36.98
Espanola	49	1500	1.25	38.23
North Bay	91	1591	2.32	40.55
Sault Ste. Marie	129	1720	3.29	43.83
Sudbury	203	1923	5.17	49.01
Temagami	48	1971	1.22	50.23
Wawa	384	2355	9.79	60.02
Algonquin Park (inside)	515	2870	13.12	73.14
Bancroft	93	2963	2.37	75.51
Bracebridge	413	3376	10.52	86.03
Minden	199	3575	5.07	91.11
Parry Sound	242	3817	6.17	97.27
Pembroke	54	3871	1.38	98.65
Leslie M. Frost Centre	30	3901	0.76	99.41
Algonquin Park (outside)	23	3924	0.59	100.00

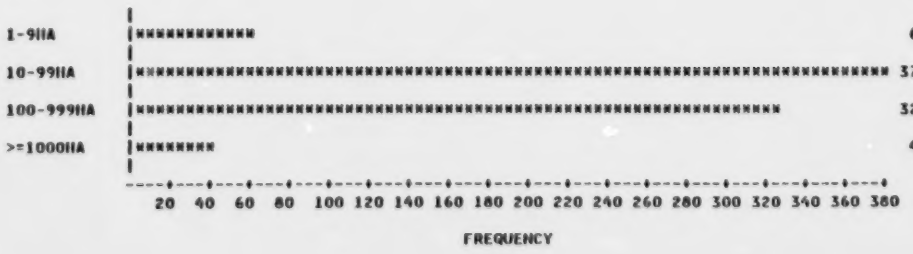
NOTE: NOT ALL LAKES SAMPLED HAVE DATA FOR EACH OF THE VARIABLES (IE. LAKE AREA ETC.), THEREFORE THE TOTAL NUMBERS OF LAKES SAMPLED, SHOWN IN SUBSEQUENT FIGURES, MAY BE DIFFERENT

FIGURE 2: THE PERCENTAGE OF SAMPLED LAKES IN EACH LAKE AREA CLASS - FOR ALL OF ONTARIO.



LAKEAREA	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
1-9HA	386	386	11.51	11.51
10-99HA	1633	2019	48.70	60.21
100-999HA	1116	3135	33.28	93.50
>=1000HA	218	3353	6.50	100.00

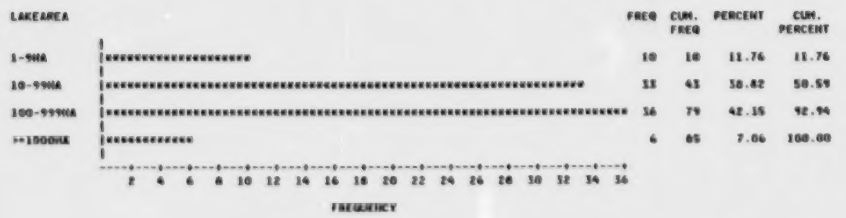
FOR NORTHEASTERN REGION



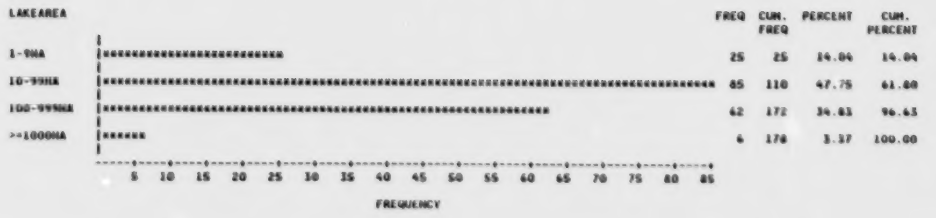
LAKEAREA	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
1-9HA	62	62	7.68	7.68
10-99HA	378	440	46.84	54.52
100-999HA	325	765	40.27	94.80
>=1000HA	42	807	5.20	100.00

FIGURE 3: THE PERCENTAGE OF SAMPLED LAKES IN EACH LAKE AREA CLASS BY DISTRICT.

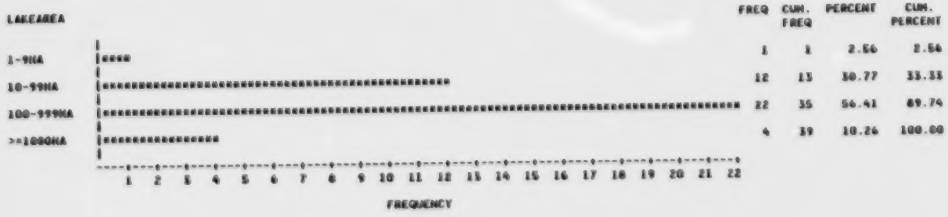
Blind River



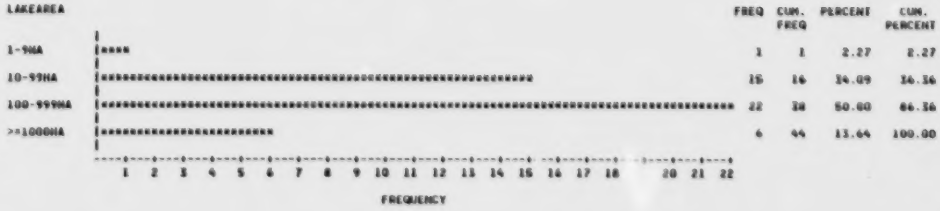
Sudbury



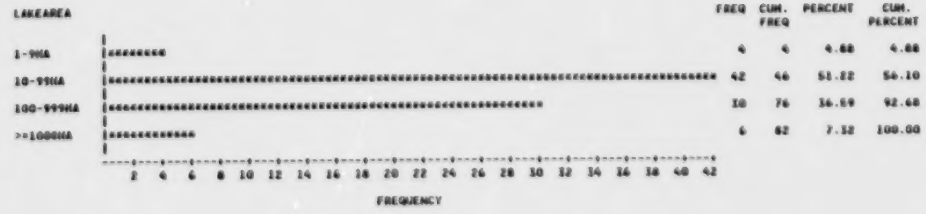
Espanola



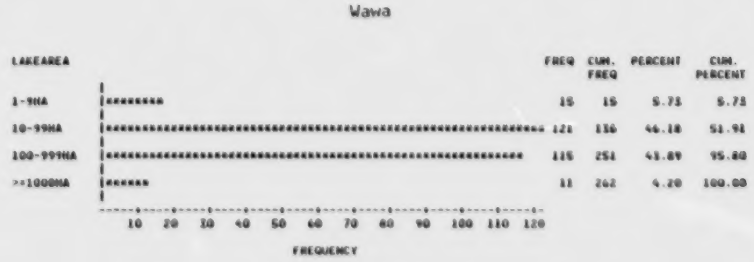
Temagami



North Bay



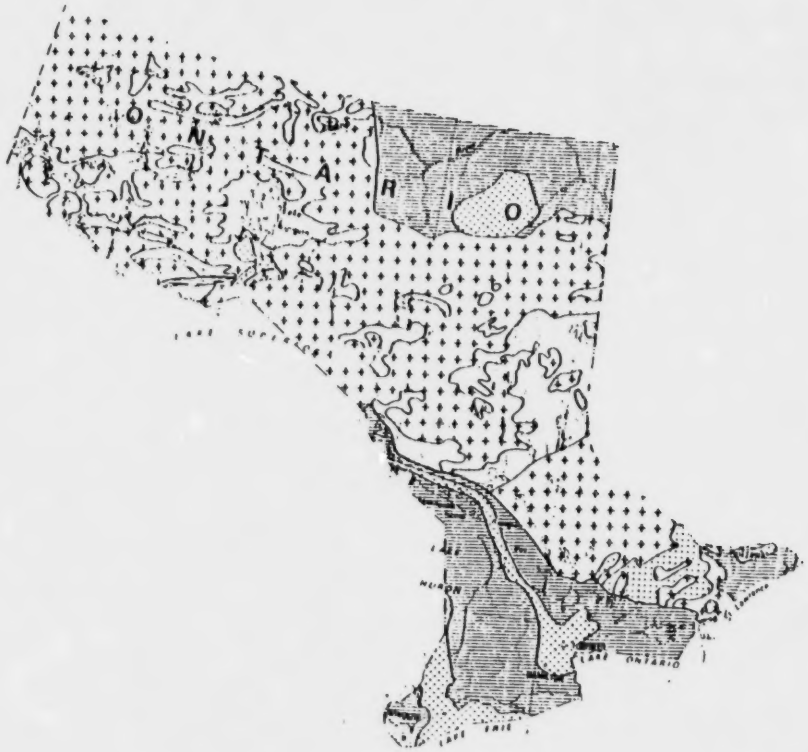
Wawa



Sault Ste. Marie

FIGURE 4: MNR ADMINISTRATIVE DISTRICT MAP WITH ADJUSTED PH ISOPLETHS AND THE SUDBURY DEPOSITION ZONE SUPERIMPOSED.

FIGURE 5: THE CHEMICAL SENSITIVITY TO ACID PRECIPITATION BASED ON THE COMPOSITION OF SOILS AND BEDROCK (FROM SHILTS 1981).



HIGH SENSITIVITY

Granite, granite gneiss, orthoquartzite, syenite

INTERMEDIATE-HIGH SENSITIVITY

Volcanic rocks, shales, greywacke sandstones, ultramafic rocks, gabbro, mudstone and metamorphic equivalents

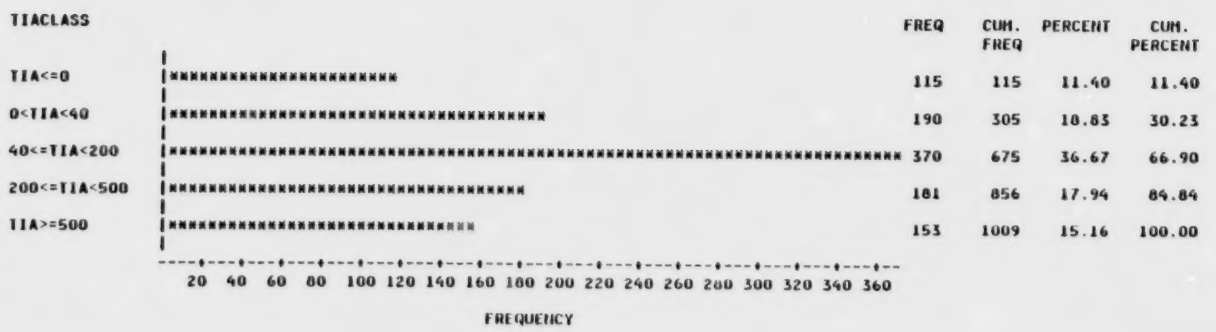
INTERMEDIATE-LOW SENSITIVITY

Calcareous clastic rocks and carbonate rocks interbedded or interspersed with noncalcareous sedimentary, igneous and metamorphic rocks

LOW SENSITIVITY

Limestone, dolomite and metamorphic equivalents

FIGURE 6: ALKALINITY AND PH CLASS OF LAKES SAMPLED IN THE NORTHEASTERN REGION.



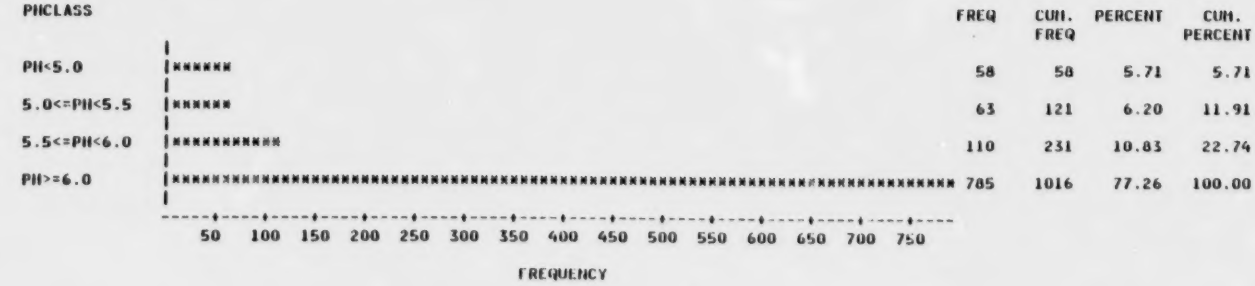
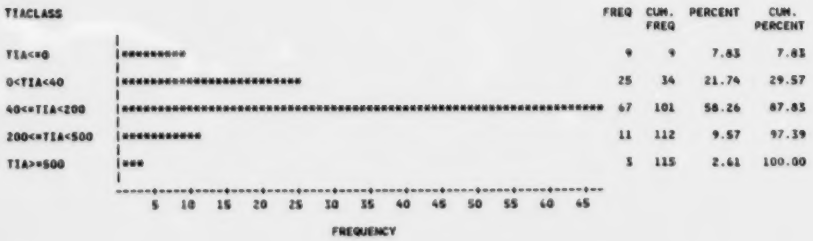
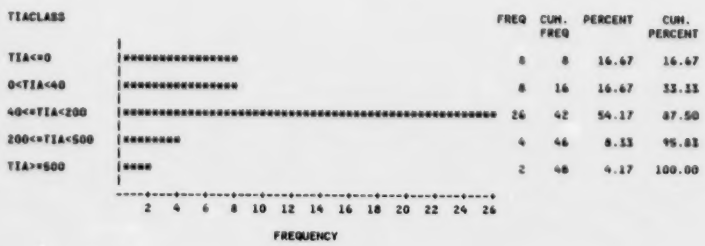


FIGURE 7: THE PERCENTAGE OF SAMPLED LAKES IN EACH ALKALINITY CLASS BY DISTRICT.

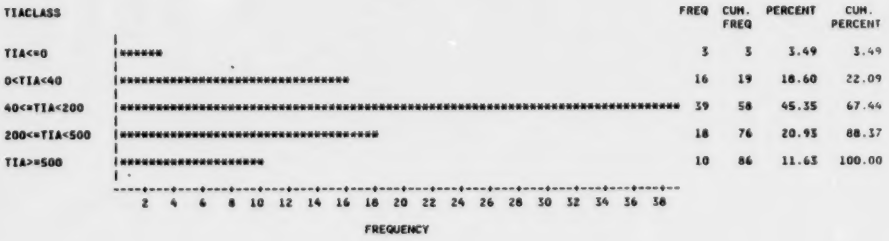
Blind River



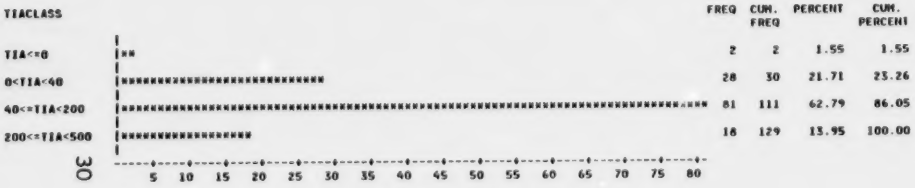
Espanola



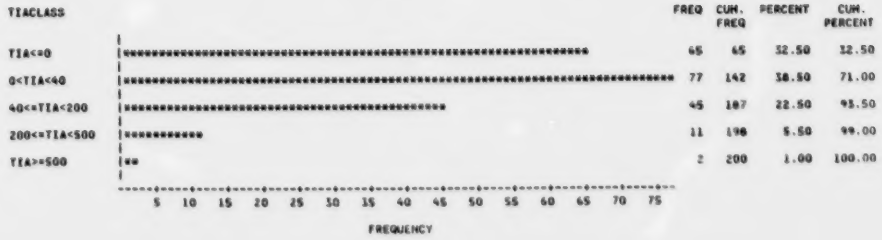
North Bay



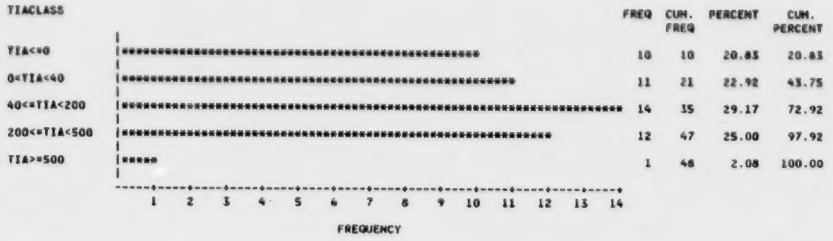
Sault Ste. Marie



Sudbury



Temagami



Wawa

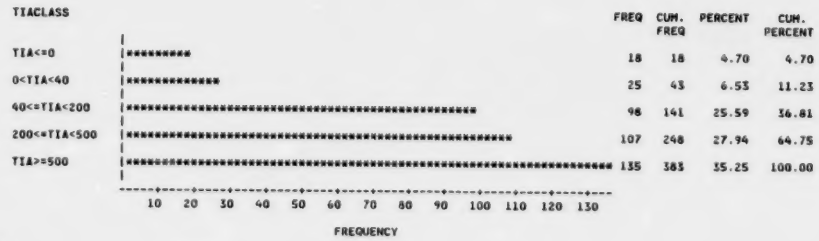
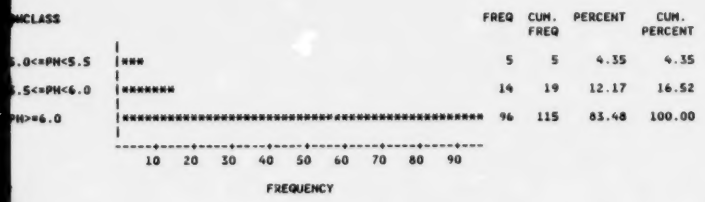
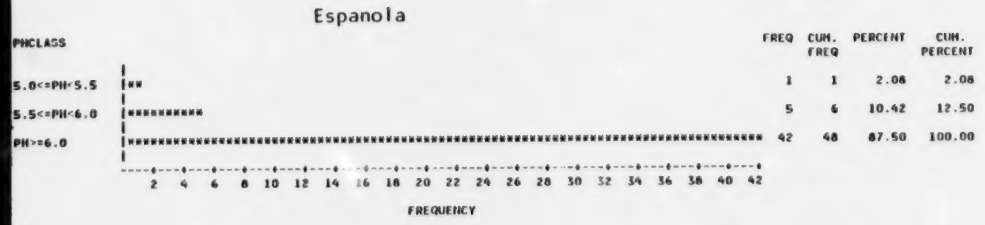


FIGURE 8: THE PERCENTAGE OF SAMPLED LAKES IN EACH PH CLASS BY DISTRICT.

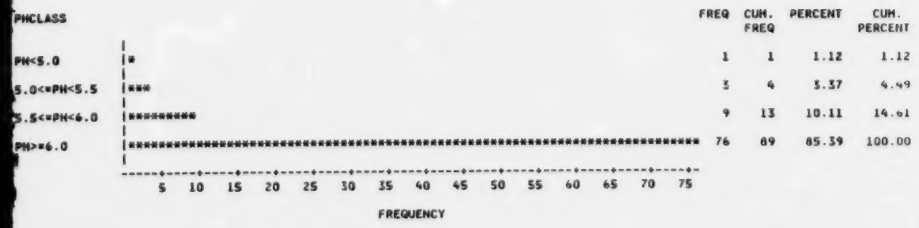
Blind River



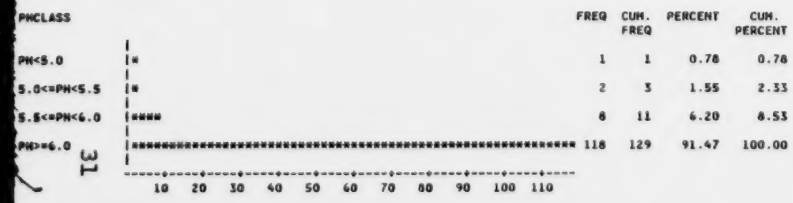
Espanola



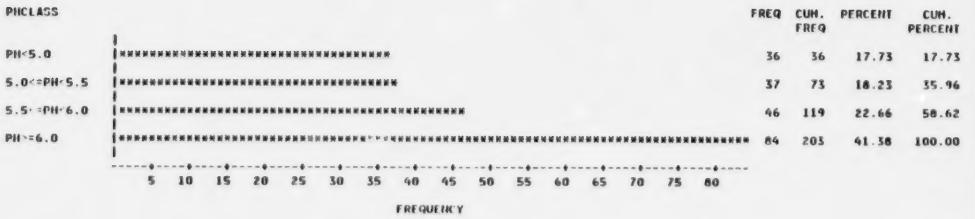
North Bay



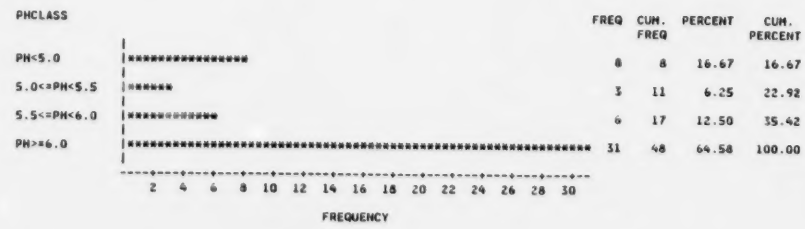
Sault Ste. Marie



Sudbury



Temagami



Wawa

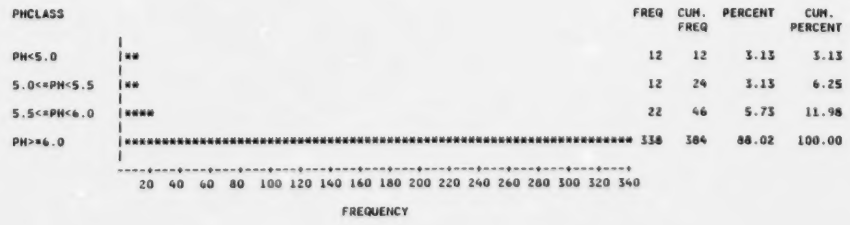
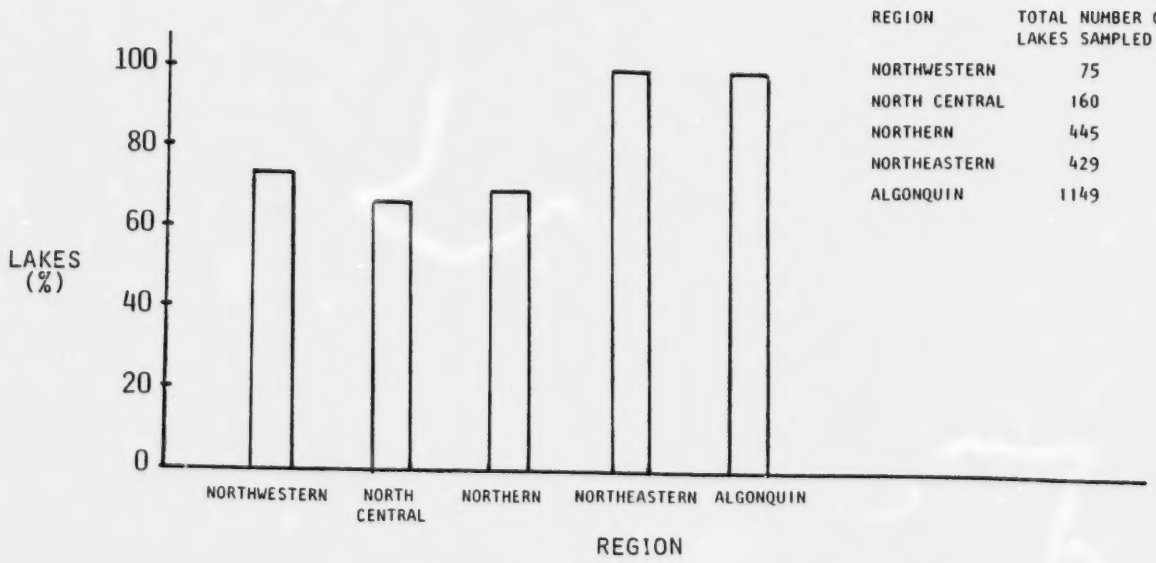
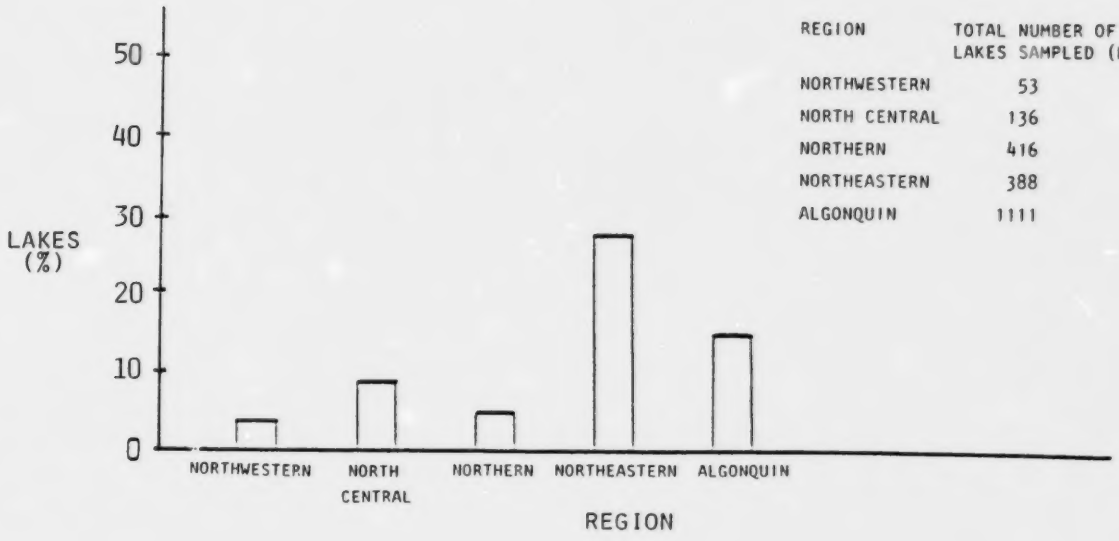


FIGURE 9: PERCENTAGE OF SAMPLED LAKES ABOVE THE BACKGROUND LEVEL OF 3.0 MG/L SO_4 - BY REGION.



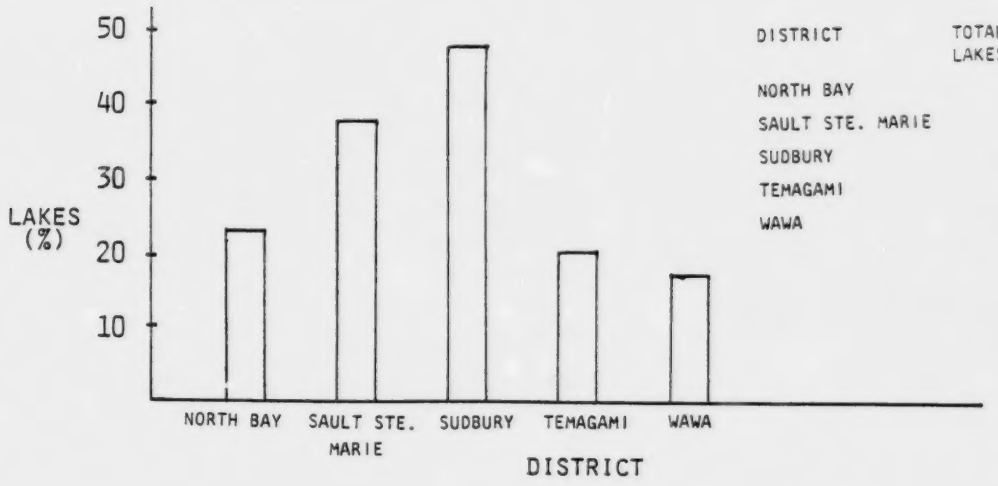
REGION	TOTAL NUMBER OF LAKES SAMPLED (N)
NORTHWESTERN	75
NORTH CENTRAL	160
NORTHERN	445
NORTHEASTERN	429
ALGONQUIN	1149

FIGURE 10: PERCENTAGE OF SAMPLED LAKES WITH TOTAL ALUMINUM >= 0.1 MG/L (LOWER LIMIT OF TOXIC EFFECT) - BY REGION.



REGION	TOTAL NUMBER OF LAKES SAMPLED (N)
NORTHWESTERN	53
NORTH CENTRAL	136
NORTHERN	416
NORTHEASTERN	388
ALGONQUIN	1111

FIGURE 11: PERCENTAGE OF SAMPLED LAKES WITH TOTAL ALUMINUM >= 0.1 MG/L (LOWER LIMIT OF TOXIC EFFECT) - BY DISTRICT.



DISTRICT	TOTAL NUMBER OF LAKES SAMPLED (N)
NORTH BAY	61
SAULT STE. MARIE	32
SUDBURY	103
TEMAGAMI	25
WAWA	142

FIGURE 12: DISTRIBUTION OF LAKE TROUT LAKES IN ONTARIO SAMPLED FOR ANALYSIS OF WATER CHEMISTRY.

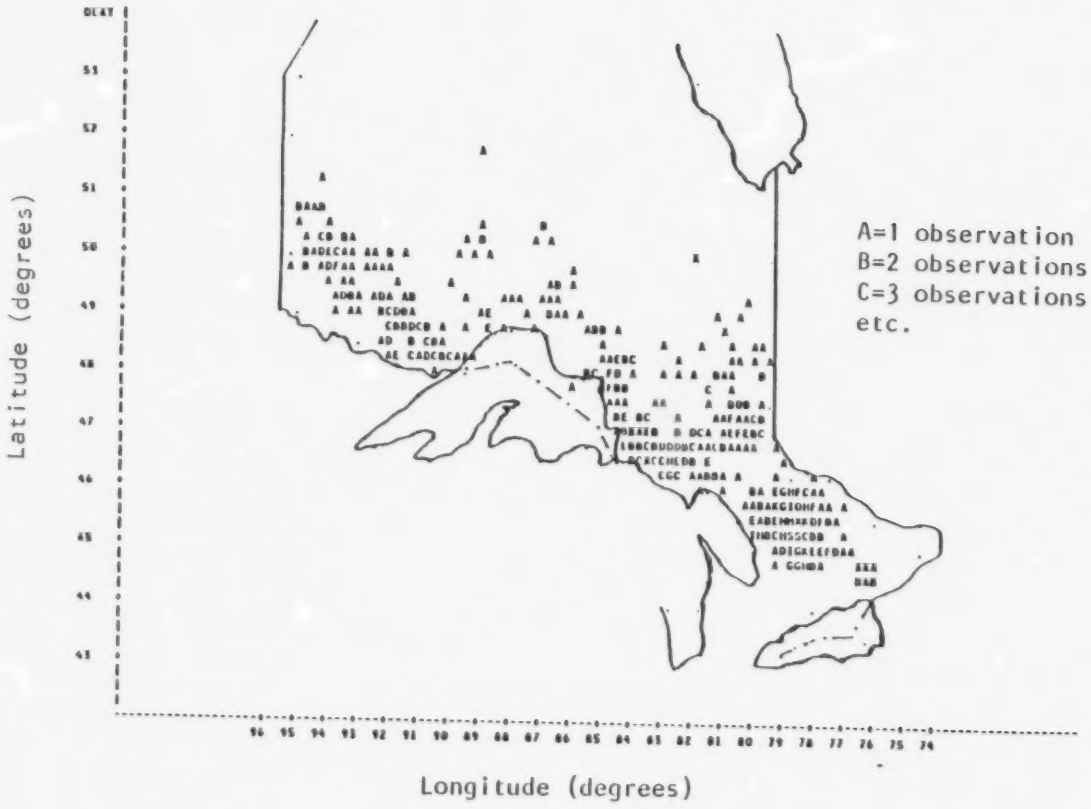
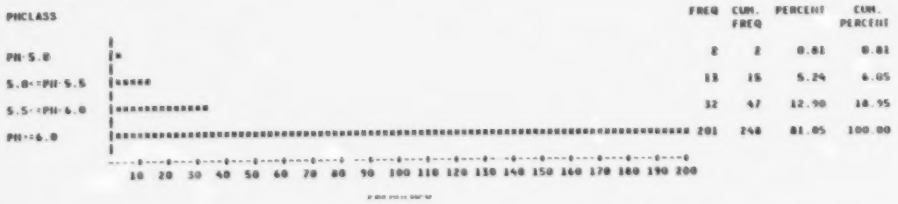
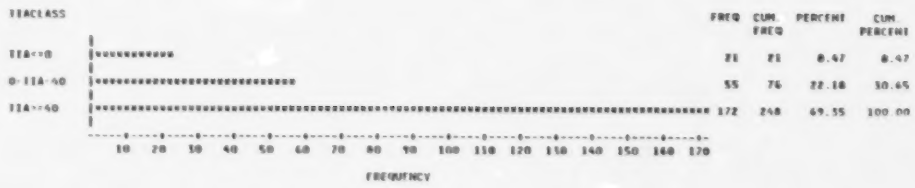


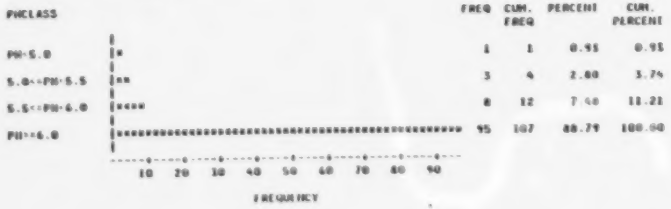
FIGURE 13: THE PERCENTAGE OF SAMPLED LAKE TROUT, SMALLMOUTH BASS, LAKE WHITEFISH, WALLEYE, AND BROOK TROUT LAKES IN TIA/PH CLASSES - NORTHEASTERN REGION.

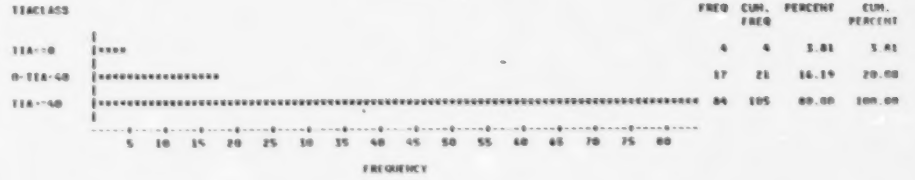
LAKE TROUT



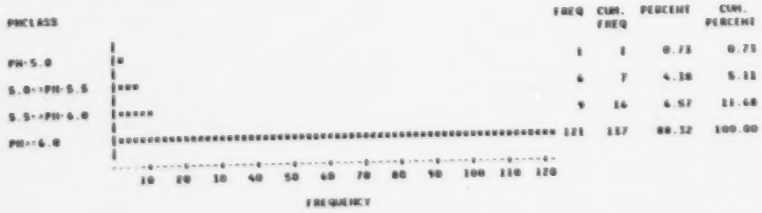


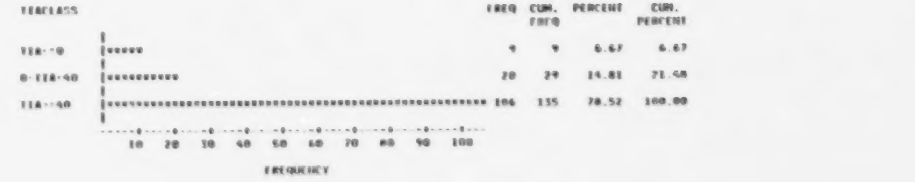
SMALLMOUTH BASS



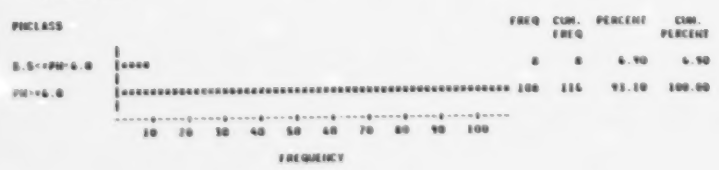


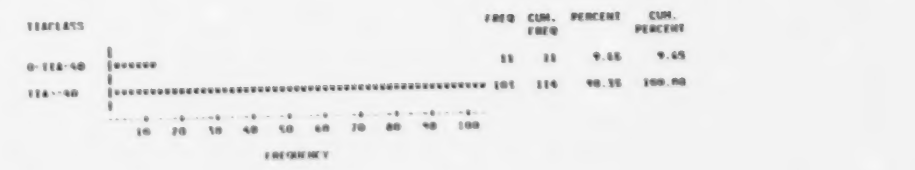
LAKE WHITEFISH



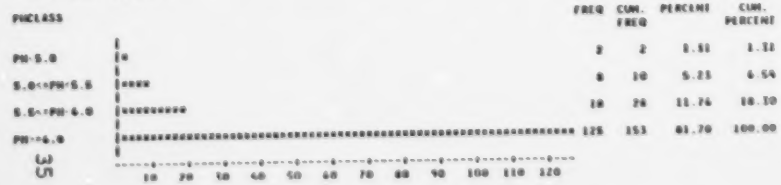


WALLEYE





BROOK TROUT



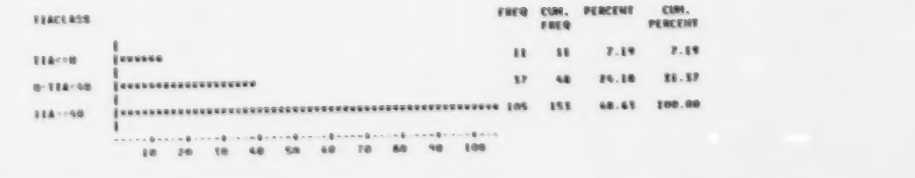


FIGURE 14: DISTRIBUTION OF SMALLMOUTH BASS LAKES IN ONTARIO SAMPLED FOR ANALYSIS OF WATER CHEMISTRY.

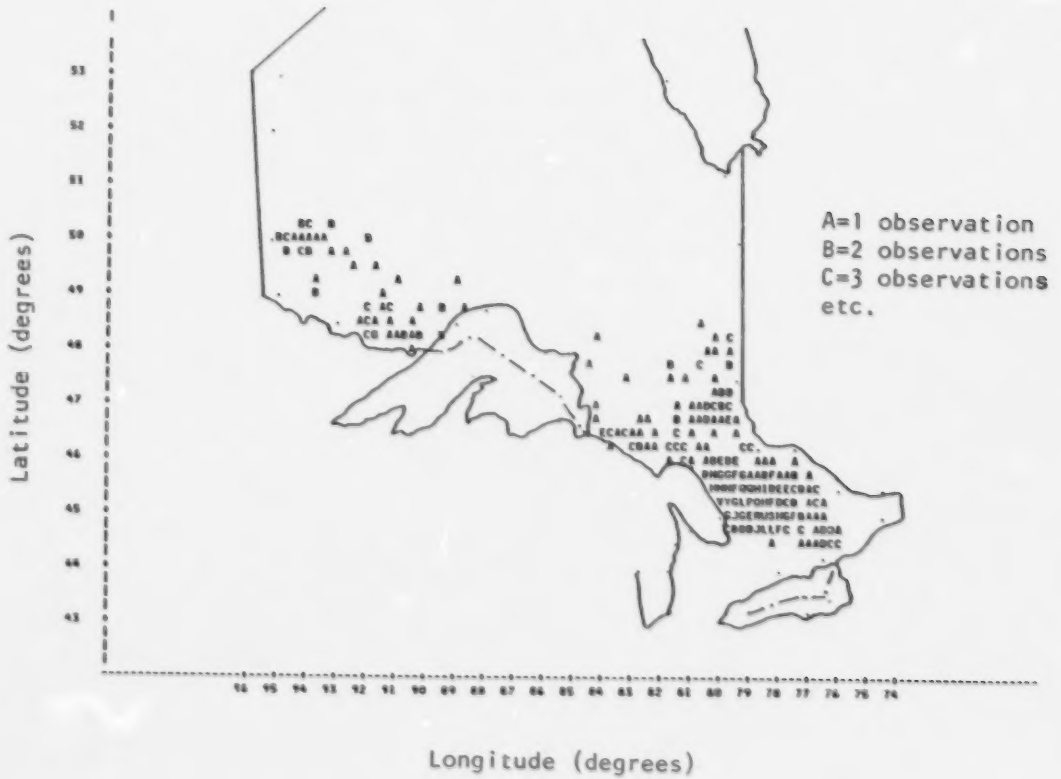


FIGURE 15: DISTRIBUTION OF LAKE WHITEFISH LAKES IN ONTARIO SAMPLED FOR ANALYSIS OF WATER CHEMISTRY.

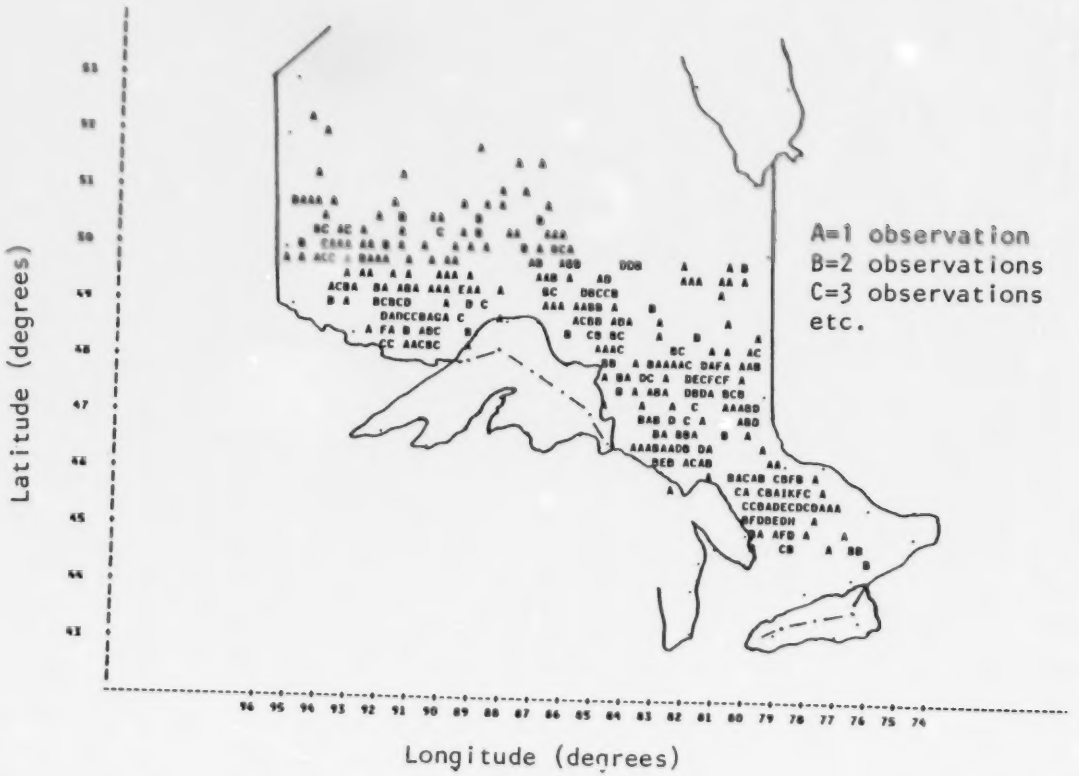


FIGURE 16: DISTRIBUTION OF WALLEYE LAKES IN ONTARIO SAMPLED FOR ANALYSIS OF WATER CHEMISTRY.

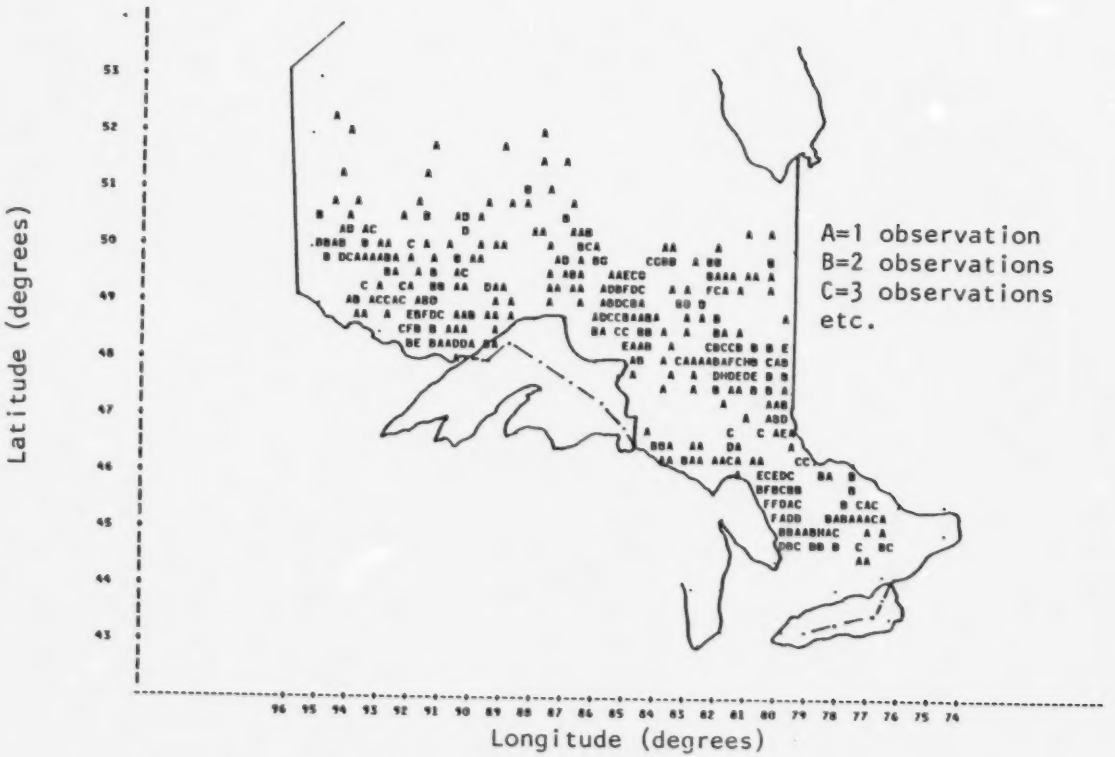


FIGURE 17: DISTRIBUTION OF BROOK TROUT LAKES IN ONTARIO SAMPLED FOR ANALYSIS OF WATER CHEMISTRY.

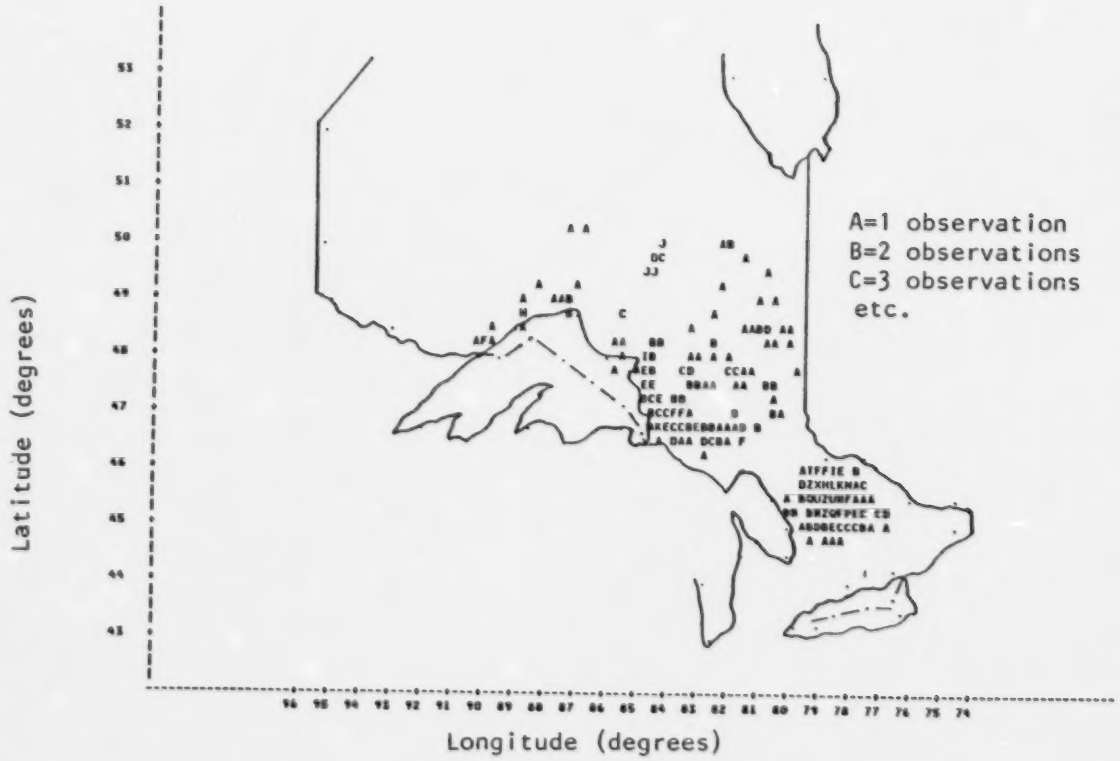


TABLE 1: WATER CHEMISTRY DATA FOR ACIDIC (TIA <= 0 UEQ/L) AND EXTREMELY SENSITIVE (0 <TIA < 40 UEQ/L) LAKES IN NORTHEASTERN REGION.

BLIND RIVER DISTRICT - ACIDIC

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDA	YR	MONTH	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
28	ALEXANDER LAKE	4635	8233	2CC06	HUGHSON	.	.	81	3	2	5.34	-70	28	.	.	.	.	.	.	.	.	.	.	.
29	APPLESAUCE LAKE	4635	8234	2CC06	HUGHSON	.	.	81	3	2	5.63	-60	32	.	.	.	.	.	.	.	.	.	.	.
30	BURNS LAKE	4636	8307	2CC05	VARLEY	166.4	.	79	8	20	5.75	0	26	.	.	.	.	.	.	.	.	.	.	.
31	CREAM LAKE	4625	8254	2CD08	TIMMERMANS	.	.	81	2	26	5.39	-74	29	.	.	.	.	.	.	.	.	.	.	.
32	EMERALD LAKE	4618	8252	2CD06	MACK	436.2	.	81	3	4	5.50	-62	29	.	.	.	.	.	.	.	.	.	.	.
33	GREBE LAKE	4636	8233	2CC06	HUGHSON	.	.	81	3	2	5.62	-50	33	.	.	.	.	.	.	.	.	.	.	.
34	HASTIE LAKE	4614	8247	2CD05	LONG	.	.	81	3	6	5.92	-56	29	.	.	.	.	.	.	.	.	.	.	.
35	MOON LAKE	4624	8254	2CD08	TIMMERMANS	445.5	.	81	2	26	6.10	-42	38	.	.	.	.	.	.	.	.	.	.	.
36	PEAK LAKE	4619	8250	2CD06	MACK	94.8	.	81	3	4	5.94	-64	32	.	.	.	.	.	.	.	.	.	.	.

- EXTREMELY SENSITIVE

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDA	YR	MONTH	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
37	COFFEE LAKE	4625	8256	2CD08	TIMMERMANS	334.1	.	81	2	26	6.82	4.0	39	.	.	.	.	.	.	.	.	.	.	.
38	FORESTRY LAKE	4614	8228	2CD02	LEWIS	.	.	79	6	22	6.60	24.0	.	.	.	.	.	.	.	.	.	.	.	.
39	GANDER LAKE	4628	8237	2CD02	BOUCK	24.3	.	78	7	.	5.99	26.6	.	.	.	.	.	.	.	.	.	.	.	.
40	LAKE 1 (NL)	4627	8238	2CD02	GUNTERMAN	11.9	.	79	7	31	6.00	16.0	27	.	.	.	.	.	.	.	.	.	.	.
41	LAKE 19 (NL)	4625	8239	2CD02	GUNTERMAN	4.9	.	79	8	7	6.80	28.0	28	.	.	.	.	.	.	.	.	.	.	.
42	LAKE 2 (NL)	4614	8234	2CD04	LEWIS	15.5	.	79	6	8	6.41	34.0	111	.	.	.	.	.	.	.	.	.	.	.
43	LAKE 21 (NL)	4628	8238	2CD02	BOUCK	7.0	.	79	6	23	6.10	22.0	31	.	.	.	.	.	.	.	.	.	.	.
44	LAKE 24 (NL)	4646	8230	2CC06	LANDERIAULT	.	.	81	7	22	5.60	16.0	24	.	.	.	.	.	.	.	.	.	.	.
45	LAKE 38 (NL)	4646	8230	2CC06	LANDERIAULT	.	.	81	7	22	5.80	28.0	30	.	.	.	.	.	.	.	.	.	.	.
46	LAKE 7 (NL)	4626	8238	2CD02	GUNTERMAN	6.7	.	79	8	5	6.15	22.0	25	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHED A	YR	MONTH	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
47	LAKE 8 (NL)	4626	8238	2CD02	GUNTERMAN	8.8	.	79	8	4	5.65	28.0	24	.	.	.	.	.	.	.	.	.	.	.
48	LAKE 9 (NL)	4627	8238	2CD02	GUNTERMAN	3.5	.	79	8	2	6.45	12.0	27	.	.	.	.	.	.	.	.	.	.	.
49	LEAR LAKE	4619	8301	2CD08	SCARFE	168.5	.	80	8	25	6.50	34.0	31	.	.	.	.	.	.	.	.	.	.	.
50	LITTLE QUIRKE LAKE	4632	8236	2CD02	HEMBRUFF	388.8	.	81	3	2	6.32	6.0	35	.	.	.	.	.	.	.	.	.	.	.
51	MARSH LAKE	4628	8243	2CD02	BEANGE	31.4	.	80	6	7	6.55	34.0	32	.	.	.	.	.	.	.	.	.	.	.
52	MELLON LAKE	4628	8237	2CD02	BOUCK	13.4	.	78	7	.	5.18	3.6	.	.	.	.	.	.	.	.	.	.	.	.
53	OMPA LAKE	4633	8242	2CD02	HEMBRUFF	59.5	.	78	7	.	5.40	11.2	.	.	.	.	.	.	.	.	.	.	.	.
54	PENELOPE LAKE	4625	8238	2CD07	GUNTERMAN	.	.	79	8	15	6.20	14.0	262	.	.	.	.	.	.	.	.	.	.	.
55	PISTOL LAKE	4621	8250	2CD08	MACK	71.4	.	80	7	17	6.00	12.0	27	.	.	.	.	.	.	.	.	.	.	.
56	PRIMEAU LAKE	4639	8334	2CA11	SHINGWAUKONCE	117.5	.	80	8	27	6.35	36.0	30	.	.	.	.	.	.	.	.	.	.	.
57	ROCHESTER LAKE	4631	8231	2CD02	BUCKLES	.	.	81	3	2	6.37	22.0	39	.	.	.	.	.	.	.	.	.	.	.
58	SALVAGE LAKE	4646	8247	2CC07	TWEEDLE	21.3	.	81	7	1	6.40	36.0	30	.	.	.	.	.	.	.	.	.	.	.
59	STROUTH LAKE	4625	8239	2CD07	GUNTERMAN	23.9	.	79	6	7	5.98	12.0	28	.	.	.	.	.	.	.	.	.	.	.
60	SUMMERS LAKE	4628	8245	2CD02	BEANGE	225.6	.	81	9	3	5.75	16.0	.	.	.	.	.	.	.	.	.	.	.	.
61	TEN MILE LAKE	4631	8247	2CD02	BEANGE	933.1	.	81	3	18	6.42	24.0	36	.	.	.	.	.	.	.	.	.	.	.

ESPANOLA DISTRICT - ACIDIC

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHED A	YR	MONTH	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
62	BATTY LAKE	4625	8222	2CD02	GAIASHK	244.5	.	80	9	3	6.300	-32.0	28	.	.	.	.	.	.	.	.	.	.	.
63	BIG TROUT LAKE (NL)	4651	8222	2CE03	FONTAINE	436.2	.	80	8	22	5.850	-8.0	30	.	.	.	.	.	.	.	.	.	.	.
64	CLEAR LAKE (NL)	4613	8225	2CD03	SHEDDEN	47.8	.	80	8	28	6.140	-2.0	30	.	.	.	.	.	.	.	.	.	.	.
65	KINDLE LAKE	4627	8224	2CD02	LEHMAN	248.3	.	80	9	3	5.690	-22.0	333	.	.	.	.	.	.	.	.	.	.	.
66	LAKE 97 (NL)	4653	8205	2CE02	BEEBE	.	.	80	8	22	5.530	-4.0	27	.	.	.	.	.	.	.	.	.	.	.
67	NL	4653	8212	2C	DURBAN	.	.	82	7	27	5.315	-1.2	18	2.6	.	.	.	.	.	.	.	0.06	.	.
68	SPLAKE LAKE	4631	8215	2CE09	LOCHEYER	34.0	.	80	9	3	6.190	0.0	23	.	.	.	.	.	.	.	.	.	.	.
69	WHISKEY LAKE	4625	8220	2CD02	GAIASHK	917.3	.	78	7	.	5.500	-0.2	.	.	.	.	.	.	.	.	.	.	.	.

ESPANOLA DISTRICT - EXTREMELY SENSITIVE

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	YEAR	MONTH	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
70	COMOX LAKE	4703	8232	2CB01	COMOX	229.7	80	8	1	6.21	34.0	31	.	.	.	.	.	.	.	.	.	.	.
71	DENNIE LAKE	4655	8154	2CE08	DENNIE	79.5	80	8	20	6.50	32.0	37	.	.	.	.	.	.	.	.	.	.	.
72	HOPE LAKE	4702	8230	2CB01	COMOX	112.8	80	8	10	6.02	24.0	29	.	.	.	.	.	.	.	.	.	.	.
73	KLONDYKE LAKES	4636	8206	2CE06	STRAIN	94.3	80	8	22	6.20	34.0	27	.	.	.	.	.	.	.	.	.	.	.
74	MARGUERITE LAKE	4646	8149	2CE07	CRAIG	36.1	80	8	14	5.72	10.0	23	.	.	.	.	.	.	.	.	.	.	.
75	MOZHABONG LAKE	4657	8205	2CE02		1521.6	81	7	2	6.52	37.8	32	6.8	.	3.4	2.2	0.80	0.9	0.30	8.5	0.025	0.014	0.05
76	SAVAGE LAKE	4624	8200	2CE06	SHIBANANING	322.4	80	9	3	6.33	24.0	28	.	.	.	.	.	.	.	.	.	.	.
77	SHAKWA LAKE	4646	8159	2CE07		648.8	81	7	2	6.46	32.6	33	5.4	.	2.8	2.6	0.75	1.0	0.35	8.5	0.052	0.012	0.05

NORTH BAY DISTRICT - ACIDIC

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	YEAR	MONTH	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
78	YOUNG WEASLE LAKE (NL)	4658	8020	2DC08	AFTON	.	80	7	26	4.150	-32	51	.	.	.	.	.	.	.	.	.	.	.
79	TWO MILE LAKE	4628	7921	2JE09	MULOCK	14.2	85	2	25	5.180	-100	29	.	118.0	9.9	2.6	0.5	0.66	0.56	6.75	0.244	0.09	.
80	STURGEON LAKE	4633	7925	2DD18	STEWART	64.0	85	2	25	5.095	-100	25	.	76.5	7.1	2.1	0.5	0.60	0.46	6.15	0.232	0.07	.

NORTH BAY DISTRICT - EXTREMELY SENSITIVE

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDA	YR	MONTH	DAY
81	IRON LAKE	4657	8021	2DC01		72.4	.	81	8	6
82	MCQUABY LAKE	4602	7934	2DD25	NIPISSING	226.8	.	82	5	19
83	TIMBER LAKE	4630	7903	2JE01		124.7	.	81	6	23
84	MOOSE LAKE	4635	7925	2JE13	STEWART	98.3	.	85	2	25
85	ROCK ISLAND LAKE	4635	7931	2DC04	NOTMAN	103.6	.	85	2	26
86	NOBLE LAKE	4636	7933	2DC04	NOTMAN	94.5	.	85	2	26
87	KOATISINIMIGO LAKE (BEAR)	4638	7936	2DC04	HAMMELL	558.9	.	85	2	26
88	NORTH SPRUCE LAKE	4641	7932	2DC04	HAMMELL	356.2	.	85	2	26

OBS	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
81	5.740	2.4	42.0	.	.	.	3.8	0.75	0.70	0.30	13.50	0.038	0.044	0.01
82	6.323	24.0	30.3	15.1	.	.	2.2	0.62	.	.	7.80	.	.	.
83	6.110	34.2	41.0	22.9	.	4.7	2.8	0.90	1.50	0.60	10.00	0.120	0.034	0.08
84	5.610	7.2	24.0	.	40.0	5.4	2.0	0.55	0.46	0.50	6.00	0.131	0.048	.
85	5.964	16.2	24.0	.	.	6.6	2.3	0.60	0.60	0.48	5.60	0.113	0.064	.
86	5.459	3.8	25.0	.	.	7.0	2.2	0.55	0.56	0.50	6.00	0.146	0.054	.
87	5.997	16.6	27.0	.	.	5.4	2.6	0.70	0.56	0.48	7.40	0.073	0.031	.
88	5.543	18.6	32.0	.	.	15.0	3.4	0.95	0.66	0.50	6.95	0.279	0.076	.

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDAY	MONTH	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
89	HAMMELL LAKE (CLEAR)	4639	7934	2DC04	HAMMELL	140.5	.	85	2	26	5.618	3.2	24	.	.	4.0	2.2	0.50	0.46	0.32	6.90	0.045	0.032	.
90	POPLAR LAKE	4640	7937	2DC04	HAMMELL	.	.	85	2	26	6.072	25.8	31	.	.	7.8	3.1	0.85	0.56	0.44	8.30	0.115	0.035	.
91	ROSS LAKE (BEACH)	4644	7948	2DC07	SISK	15.9	.	85	2	26	5.944	24.8	34	.	.	6.8	3.2	0.95	0.66	0.62	9.35	0.154	0.047	.
92	FINLAYSON LAKE	4642	7948	2DC07	MCLAREN	24.0	.	85	2	26	6.203	38.2	31	.	.	6.7	3.2	0.85	0.50	0.48	8.10	0.106	0.078	.
93	CAHILL LAKE	4622	7904	2JE02	OLRIG	88.5	.	85	2	27	6.311	28.6	27	.	17.5	3.7	2.6	0.65	0.50	0.46	7.00	0.050	0.044	.
94	OLMSTEAD LAKE	4622	7903	2JE02	OLRIG	27.1	.	85	2	27	5.734	12.2	25	.	44.0	5.7	2.3	0.55	0.46	0.52	6.70	0.134	0.069	.
95	CROGAN LAKE	4631	7900	2JE01	BUTLER	30.9	.	85	2	27	6.411	37.2	33	.	6.5	3.1	3.1	0.85	0.50	0.66	9.95	0.041	0.047	.
96	SPARKS LAKE	4631	7903	2JE01	BUTLER	33.0	.	85	2	27	6.053	28.4	33	.	24.5	5.1	3.1	0.85	0.60	0.70	9.45	0.073	0.066	.

SAULT STE. MARIE DISTRICT - ACIDIC

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDAY	MONTH	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
97	LAKE 9 (NL)	4641	8410	2CA02	JARVIS	10.6	.	81	5	21	5.200	-2	29.0	.	.	.	.	.	.	.	.	.	.
98	CARPENTER LAKE	4711	8418	2BF05	TRONSEN	.	.	85	2	8	3.975	-100	19.4	.	20	3.9	2.1	0.44	0.56	0.26	4.62	0.18	0.04	.

SAULT STE. MARIE DISTRICT - EXTREMELY SENSITIVE

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDA	YR	MONTH
99	ADELAIDE LAKE	4704	8418	2BF06	OLSEN	163.6	.	81	8
100	BONE LAKE	4703	8419	2BF06	BRULE	31.2	.	81	8
101	BRILLIANT LAKE	4641	8409	2CA02	JARVIS	26.3	.	81	5
102	CARPENTER LAKE	4711	8417	2BF05	TRONSEN	38.9	.	81	8
103	CAYSEE LAKE	4711	8440	2BF10	SLATER	21.1	.	80	6
104	CHALMERS LAKE	4700	8355	2BF03	LUNKIE	33.7	.	81	5
105	CROOKED LAKES (CROOKED)	4640	8407	2CA02	JARVIS	.	.	81	7
106	FINNLANDER LAKE (NL)	4639	8417	2CA01	AWERES	.	.	81	5
107	GRANT LAKE	4632	8344	2CA11	MCMAHON	4.9	.	81	5

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
99	12	6.360	36.0	37	.	.	.	.	.	.	.	.	.	.	.
100	12	6.300	24.0	27	.	.	.	.	.	.	.	.	.	.	.
101	21	5.420	2.0	25	.	.	.	.	.	.	.	.	.	.	.
102	12	5.650	2.0	26	.	.	.	.	.	.	.	.	.	.	.
103	25	6.150	28.0	28	.	.	.	.	.	.	.	.	.	.	.
104	21	6.660	18.0	30	.	.	.	.	.	.	.	.	.	.	.
105	28	5.820	10.0	.	.	.	.	.	.	.	.	.	.	.	.
106	21	6.000	6.0	.	.	.	.	.	.	.	.	.	.	.	.
107	21	6.660	20.0	16	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDA	YR	MONTH	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
108	HOATH LAKE	4632	8344	2CA11	MCMAHON	4.9	.	81	5	21	6.980	34.0	32	.	.	.	.	.	.	.	.	.	.	.
109	JARVIS LAKE	4641	8410	2CA02	JARVIS	55.1	.	81	8	20	5.600	4.0	24	.	.	.	.	.	.	.	.	.	.	.
110	LAC CHERIE	4700	8343	2BF03	PINE	.	.	81	6	23	6.310	12.0	36	.	.	.	.	.	.	.	.	.	.	.
111	LAKE 1 (NL)	4708	8342	2BF03	HOFFMAN	.	.	81	5	21	7.150	38.0	.	.	.	.	.	.	.	.	.	.	.	.
112	LAKE 13 (NL)	4707	8346	2BF03	GAUDRY	.	.	81	5	21	7.050	28.0	.	.	.	.	.	.	.	.	.	.	.	.
113	LOWER ISLAND LAKE	4639	8416	2CA01	AWERES	54.0	.	81	6	25	6.400	26.0	69	.	.	.	.	.	.	.	.	.	.	.
114	MAMAINSE LAKE	4703	8437	2BF05	RYAN	143.8	.	81	8	12	6.050	8.0	27	.	.	.	.	.	.	.	.	.	.	.
115	MONGOOSE LAKE	4710	8412	2BF05	VIBERT	117.7	.	81	8	3	5.840	4.0	37	.	.	.	.	.	.	.	.	.	.	.
116	MORRISON LAKE	4700	8349	2BF03	NAHWEGEZHIC	383.9	.	81	6	23	6.590	20.0	43	.	.	.	.	.	.	.	.	.	.	.
117	NORTHLAND LAKE	4642	8407	2BF03	DEROCHE	91.1	.	80	6	19	6.350	34.0	35	.	.	.	.	.	.	.	.	.	.	.
118	PHELBIN LAKE	4642	8408	2BF03	JARVIS	15.8	.	81	5	21	6.300	22.0	.	.	.	.	.	.	.	.	.	.	.	.
119	POINT LAKE	4707	8349	2BF03	GAUDRY	74.1	.	81	6	13	6.400	24.0	45	.	.	.	.	.	.	.	.	.	.	.
120	QUINTET LAKES	4708	8414	2BF06	OLSEN	72.9	.	81	8	3	6.050	8.0	36	.	.	.	.	.	.	.	.	.	.	.
121	ROBERTSON LAKE	4647	8416	2BF03	VAN KOUGHNET	143.4	.	81	6	16	6.650	22.0	37	.	.	.	.	.	.	.	.	.	.	.
122	WEASHKOG LAKE	4639	8409	2CA02	JARVIS	36.5	.	81	9	3	5.800	12.0	30	.	.	.	.	.	.	.	.	.	.	.
123	WHITE BIRCH LAKE	4641	8408	2BF03	JARVIS	7.7	.	81	5	21	6.150	30.0	.	.	.	.	.	.	.	.	.	.	.	.
124	WOLFE LAKE	4652	8415	2BF03	TUPPER	116.4	.	81	8	12	5.990	6.0	27	.	.	.	.	.	.	.	.	.	.	.
125	BRANT LAKE	4703	8435	2BF05	PALMER	25.4	.	85	2	7	5.990	17.4	20	.	37.5	4.9	2.7	0.32	0.46	0.22	4.42	0.200	0.037	.
126	PRUGH LAKE (PINE)	4653	8418	2BF03	MARNE	51.2	.	85	2	8	6.265	38.0	23	.	21.5	4.0	2.7	0.50	0.60	0.22	4.79	0.087	0.013	.

SUDBURY DISTRICT - ACIDIC

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDA	YR	MONTH	DAY
127	ACID LAKE	4602	8127	2CF03		4.4	.	.	.	.
128	BENSON LAKE (NL)	4640	8130	2CE05	CARTIER	6.8	.	81	7	27
129	BILLY LAKE	4608	8110	2CF03	SALE	20.0	161	82	10	13
130	BLUESUCKER LAKE	4710	8037	2DC09		144.6	.	81	7	7
131	BROKER LAKE	4608	8100	2CF03		81.1	.	81	7	16
132	BULL LAKE	4706	8036	2DC09		109.9	.	80	1	14
133	CARLYLE BAY (NL)	4604	8117	2CF03	CARLYLE	20.0	375	82	10	13
134	CHINIGUCHI LAKE	4657	8042	2DC02		1296.7	.	81	7	7
135	CLEARSILVER LAKE	4606	8115	2CF03	CARLYLE	23.9	.	78	5	.
136	CLEARWATER LAKE	4622	8103	2CF05		76.8	.	81	8	4

OBS	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
127	4.840	-13.6	29	.	.	.	.	.	.	.	.	.	.	.
128	5.620	-28.0	30	.	.	.	.	.	.	.	.	.	.	.
129	4.717	-23.2	32	26.6	.	.	1.8	0.66	0.50	0.28	8.9	0.180	.	.
130	5.070	-7.0	36	2.2	.	2.0	.	.	0.80	0.45	11.0	0.170	0.082	0.03
131	5.050	-6.8	38	10.8	.	2.5	2.4	1.00	1.30	0.40	11.0	0.140	0.102	0.08
132	5.430	-0.4	45	6.5	.	.	4.2	0.85	0.80	0.70	15.5	0.049	0.083	0.07
133	5.482	-0.2	33	12.3	.	.	2.2	0.78	0.75	0.40	9.8	0.099	.	.
134	4.630	-25.4	47	0.0	.	0.7	3.4	1.10	0.80	0.50	14.0	0.290	0.212	0.03
135	4.530	-16.8	.	.	.	.	.	.	.	.	.	.	.	.
136	4.520	-37.2	76	2.7	.	0.4	6.0	1.50	2.00	0.55	20.0	0.200	0.286	0.04

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDA	YR	MONTH	DAY
137	COLIN SCOTT LAKE	4650	8030	2DC02		43.9	.	.	.	.
138	DAVID LAKE	4608	8118	2CF03	STALIN	402.0	1931	81	7	13
139	DONALD LAKE	4648	8031	2DC02		498.2	.	81	6	16
140	DOUGHERTY LAKE	4701	8040	2DC01		412.3	.	81	7	7
141	FREDERICK LAKE	4702	8044	2DC01		339.8	.	81	7	7
142	GEORGE LAKE	4602	8124	2CF03		148.0	.	81	7	13
143	GREAT MOUNTAIN LAKE	4609	8122	2CF05	KILLARNEY	191.7	.	80	3	.
144	GREY LAKE	4608	8110	2CF03	SALE	38.0	446	82	10	13
145	JOHNNIE LAKE	4607	8114	2CF02		395.7	.	81	7	13
146	KEARNS LAKE	4650	8027	2DC02	MCCARTHY	16.1	.	79	8	28
147	KETTYLE LAKE	4649	8032	2DC02	MCCARTHY	.	.	79	8	28
148	KILLARNEY LAKE	4604	8122	2CF03		357.5	.	81	7	13
149	LAUNDRIE LAKE	4707	8052	2DC01		374.6	.	81	7	7
150	LINGER LAKE	4705	8030	2CD09		69.8	.	81	7	7
151	LONG LAKE (NL)	4636	8136	2CF10	ERMATINGER	31.1	.	81	8	12
152	LOWER MATAGAMASI LAKE	4650	8029	2DC02		131.8	.	.	.	.
153	MACDONALD LAKE	4655	8134	2CF16		87.9	.	.	.	.
154	NED LAKE	4609	8108	2CF03	SALE	18.0	411	82	10	13
155	NELLIE LAKE	4607	8130	2CF05		232.5	.	81	7	13
156	NL (F21)	4608	8102	2CF03	ATTLEE	2.0	55	82	10	12
157	NL (J1)	4608	8109	2CF03	SALE	4.0	36	82	10	13
158	NL (K15)	4610	8110	2CF03	SALE	12.0	90	82	10	13
159	NL (K26)	4606	8112	2CF03	CARLYLE	11.0	71	82	10	13
160	NL (K40)	4605	8116	2CF05	CARLYLE	10.0	53	82	10	13
161	NL (K43)	4606	8115	2CF03	CARLYLE	2.0	52	82	10	13

OBS	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
137	4.800	-14.6	43.0	.	.	.	.	.	.	.	.	.	.	.
138	4.710	-20.6	31.0	8.1	.	0.7	2.2	0.55	0.70	0.30	9.5	0.170	0.182	0.06
139	4.690	-23.4	48.0	0.4	.	0.8	3.8	0.80	0.60	0.30	16.5	0.240	0.258	0.03
140	4.500	-33.8	48.0	-0.9	.	0.5	3.6	0.90	0.60	0.45	14.5	0.310	0.272	0.03
141	4.620	-25.6	46.0	1.8	.	0.8	3.4	3.95	0.70	0.50	14.5	0.260	0.220	0.03
142	5.350	-2.8	35.0	1.8	.	1.1	2.6	0.80	0.70	0.40	11.5	0.078	0.126	0.04
143	4.660	-24.6	40.0	.	.	.	.	.	.	.	.	.	.	.
144	4.806	-19.0	34.0	14.5	.	.	1.8	0.70	0.65	0.34	10.0	0.200	.	.
145	5.030	-8.8	36.0	5.8	.	2.4	2.8	0.80	0.70	0.40	11.0	0.150	0.104	0.08
146	5.100	-8.0	.	.	.	.	.	.	.	.	.	.	.	.
147	5.000	-10.0	42.0	.	.	.	.	.	.	.	.	.	.	.
148	4.860	-13.2	36.0	6.8	.	0.6	2.8	0.75	0.80	0.35	11.5	0.270	0.208	0.03
149	5.150	-5.8	33.0	15.7	.	4.7	2.4	0.60	0.80	0.40	10.5	0.094	0.054	0.09
150	5.010	-8.6	36.0	6.3	.	2.3	2.2	0.60	0.80	0.40	11.5	0.180	0.094	0.04
151	6.120	0.0	27.0	.	.	.	.	.	.	.	.	.	.	.
152	5.000	-2.6	45.0	.	.	.	.	.	.	.	.	.	.	.
153	4.870	-14.4	31.0	.	.	.	.	.	.	.	.	.	.	.
154	4.438	-45.4	34.0	27.5	.	.	1.5	0.54	0.55	0.30	8.9	0.250	.	.
155	4.500	-35.2	44.0	1.4	.	0.1	2.4	0.60	0.40	0.25	13.0	0.540	0.244	0.07
156	4.538	-36.8	33.0	22.5	.	.	1.5	0.68	0.55	0.26	8.8	0.270	.	.
157	5.096	-8.0	28.0	31.4	.	.	1.6	0.54	0.65	0.34	7.5	0.190	.	.
158	5.319	-4.0	52.0	8.1	.	.	3.9	1.46	0.70	0.48	17.0	0.092	.	.
159	4.921	-13.8	32.0	17.6	.		1.7	0.64	0.60	0.54	9.2	0.180	.	.
160	5.105	-8.0	39.0	37.1	.		2.9	0.94	0.75	0.28	11.3	0.120	.	.
161	4.343	-59.6	39.0	16.9	.		1.0	0.38	0.30	0.16	9.2	0.810	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDA	YR	MONTH	DAY
162	NL (K45)	4607	8114	2CF03	GOSCHEN	10.0	8357	82	10	14
163	NL (K47)	4607	8116	2CF03	CARLYLE	3.0	138	82	10	14
164	NL (K52)	4609	8115	2CF03	GOSCHEN	4.0	34	82	10	14
165	NL (K54)	4609	8118	2CF03	GOSCHEN	13.0	379	82	10	14
166	NL (K67)	4608	8114	2CF03	GOSCHEN	5.0	160	82	10	14
167	NL (K72)	4608	8114	2CF03	GOSCHEN	5.0	51	82	10	14
168	NL (K73)	4609	8113	2CF03	GOSCHEN	9.0	513	82	10	14
169	NL (L2)	4606	8111	2CF03	HUMBOLDT	11.0	246	82	10	13
170	NL (L3)	4606	8110	2CF03	HUMBOLDT	8.0	326	82	10	13
171	NL (P2)	4604	8108	2CF03	HUMBOLDT	11.0	126	82	10	13
172	NL (R1)	4612	8106	2CF03	BEVIN	3.0	124	82	10	12
173	NORWAY LAKE	4605	8118	2CF03	KILLARNEY	60.5	.	80	3	.
174	NOX LAKE (NL)	4711	8050	2DC01	HAENTSCHEL	35.9	.	80	6	14
175	O.S.A. LAKE	4603	8124	2CF03		291.6	.	81	7	13
176	PILGRIM LAKE	4711	8041	2DC01		122.9	.	81	7	7
177	RAWSON LAKE	4655	8034	2DC02	SHEPPARD	158.6	.	79	8	28
178	RICE LAKE	4650	8028	2DC02	MCCARTHY	33.1	.	79	7	11
179	RODD LAKE	4710	8038	2DC01	DUNDEE	33.6	.	80	1	.
180	RUTH-ROY LAKE	4606	8114	2CF03	CARLYLE	35.0	706	81	8	14
181	SANS CHAMBRE LAKE (NL)	4642	8108	2CF13	BOWELL	.	.	80	7	1
182	SEAGRAM LAKE	4706	8032	2DC09		102.2	.	81	7	7
183	TERRY LAKE	4604	8117	2CF03	CARLYLE	10.1	.	80	3	.
184	TILLIE LAKE	4703	8100	2DA05		67.9	.	81	7	21
185	TILTON LAKE	4622	8105	2C	TILTON	.	.	82	5	21
186	TURBID LAKE	4607	8111	2CF03	GOSCHEN	17.0	836	82	10	13

OBS	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
162	5.343	-2.6	37.0	14.4	.	.	2.4	0.86	0.70	0.48	11.30	0.120	.	.
163	4.564	-33.6	33.0	7.5	.	.	1.3	0.40	0.35	0.14	9.00	0.430	.	.
164	4.550	-35.0	28.0	63.3	.	.	1.1	0.44	0.45	0.36	6.20	0.150	.	.
165	4.695	-25.2	32.0	9.2	.	.	1.4	0.50	0.45	0.20	8.80	0.240	.	.
166	4.085	-98.8	45.0	125.5	.	.	1.9	0.50	0.40	0.20	7.80	0.030	.	.
167	4.325	-57.8	51.0	10.7	.	.	1.9	0.68	0.70	0.24	12.90	0.380	.	.
168	4.423	-46.0	41.0	23.1	.	.	1.6	0.56	0.60	0.22	10.10	0.250	.	.
169	4.903	-13.2	34.0	68.2	.	.	1.8	0.74	0.85	0.32	8.80	0.250	.	.
170	4.996	-9.4	32.0	1.5	.	.	1.8	0.72	0.85	0.40	8.30	0.220	.	.
171	5.182	-6.2	30.0	16.4	.	.	1.7	0.74	0.80	0.36	8.80	0.130	.	.
172	4.706	-24.8	49.0	65.7	.	.	3.3	1.00	1.20	0.32	12.80	0.310	.	.
173	4.790	-17.6	38.0	.	.	.	.	.	.	.	.	.	.	.
174	5.100	-6.0	58.0	.	.	.	.	.	.	.	.	.	.	.
175	4.650	-24.2	42.0	.	.	0.3	2.8	0.70	.	.	.	0.230	.	.
176	5.200	-5.2	32.0	2.2	.	1.6	2.2	0.70	0.60	0.35	9.50	0.076	0.052	0.03
177	5.200	-16.0	36.0	.	.	.	.	.	.	.	.	.	.	.
178	4.950	-12.0	45.0	.	.	.	.	.	.	.	.	.	.	.
179	5.340	-0.6	36.0	.	.	.	.	.	.	.	.	.	.	.
180	4.560	-45.0	33.0	-0.9	.	0.7	1.8	0.55	0.90	0.55	10.00	0.490	0.108	0.03
181	5.230	-14.0	55.0	.	.	.	.	.	.	.	.	.	.	.
182	5.120	-6.0	36.0	7.6	.	3.2	.	.	0.80	0.45	11.50	0.160	0.084	0.04
183	5.000	-6.4	40.0	.	.	.	.	.	.	.	.	.	.	.
184	4.890	-10.4	33.0	56.2	.	5.5	2.4	0.75	0.60	0.40	12.00	0.190	0.098	0.50
185	5.319	-2.8	57.9	6.2	.	.	4.9	1.18	.	.	15.40	.	.	.
186	4.808	-19.0	36.0	9.2	.	.	2.1	0.78	0.75	0.24	10.70	0.190	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDA	YR	MONTH	DAY
187	TYSON LAKE	4607	8107	2CF03		1143.1	.	81	7	13
188	WHITE PINE LAKE	4718	8049	2DC01	MCLEOD	66.9	.	80	1	.
189	LOWER MATAGAMASI	4650	8029	2DC02	MCCARTHY	13.1	.	85	2	20
190	MACDONALD LAKE	4655	8134	2CF16	EMO	8.7	.	85	2	20
191	GREAT MOUNTAIN LAKE	4609	8122	2CF05	STALIN	19.1	.	85	2	22

OBS	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
187	5.290	-2.4	40	9.9	.	3.3	2.8	1.05	1.20	0.45	13.50	0.110	0.086	0.06
188	5.400	-1.4	37	.	.	.	.	.	.	.	.	.	.	.
189	5.469	-100.0	40	.	-999.9	1.8	3.8	0.80	0.70	0.32	14.35	0.262	0.092	.
190	5.339	-100.0	26	.	8.0	2.6	2.1	0.55	0.70	0.24	7.65	0.113	0.062	.
191	4.957	-100.0	30	.	4.0	1.1	2.0	0.60	0.66	0.34	9.55	0.131	0.160	.

SUDBURY DISTRICT - EXTREMELY SENSITIVE

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDA	YR	MONTH	DAY
192	A.Y.JACKSON LAKE	4601	8124	2CF03	KILLARNEY	6.1	.	78	5	.
193	ASHIGAMI LAKE	4639	8034	2DC02	DAVIS	482.1	.	80	3	.
194	ATTLEE LAKE	4608	8059	2CF03	ATTLEE	142.0	2081.0	82	10	12
195	BELL LAKE	4608	8112	2CF03	GOSCHEN	353.0	8305.0	81	7	13
196	BIG VALLEY LAKE	4652	8034	2DC02	MACKELCAN	61.5	.	79	8	18
197	BLOCK 12 LAKE (NL)	4654	8033	2DC02	SHEPPARD	42.7	.	79	8	28
198	BLOCK 9 LAKE (NL)	4653	8029	2DC02	SHEPPARD	59.4	.	79	8	18
199	BRENAN LAKE (NL)	4708	8050	2DA02	HOWEY	.	.	80	6	14
200	CARLYLE LAKE	4604	8117	2CF03	CARLYLE	137.0	1087.0	82	10	13
201	CENTRE LAKE	4703	8045	2DA04		121.6	.	80	1	9
202	CRAB LAKE (NL)	4603	8103	2CF01	KILPATRICK	.	.	80	5	31
203	EVELYN LAKE	4654	8035	2DC02	MCCONNELL	110.7	.	79	8	28
204	FRALECK LAKE	4655	8053	2DA03		174.0	.	81	7	21
205	FRENCHMAN LAKE	4643	8059	2CF07	WISNER	41.9	248.9	82	5	18
206	GOLD LAKE	4650	8031	2DC02	MCCARTHY	21.1	.	79	8	28

OBS	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
192	6.500	0.6	.	.	.	.	.	.	.	.	.	.	.	.
193	5.970	39.4	53.0	.	.	.	.	.	.	.	.	.	.	.
194	6.473	36.2	37.0	10.5	.	.	2.3	1.06	1.10	0.46	9.8	0.017	.	.
195	5.370	0.8	37.0	14.4	.	4.1	3.0	0.90	1.10	0.50	13.0	0.098	0.098	0.17
196	5.730	4.0	36.0	.	.	.	.	.	.	.	.	.	.	.
197	5.950	20.0	36.0	.	.	.	.	.	.	.	.	.	.	.
198	6.030	50.0	32.0	.	.	.	.	.	.	.	.	.	.	.
199	5.690	4.0	54.0	.	.	.	.	.	.	.	.	.	.	.
200	5.725	2.0	33.0	3.3	.	.	2.2	0.80	0.80	0.42	10.1	0.045	.	.
201	5.620	15.8	43.0	14.0	.	.	3.8	0.90	0.90	0.45	14.0	0.066	0.089	0.10
202	5.650	16.0	31.0	.	.	.	.	.	.	.	.	.	.	.
203	5.700	6.0	88.0	.	.	.	.	.	.	.	.	.	.	.
204	5.760	9.2	35.0	10.3	.	2.8	2.8	0.85	0.50	0.40	11.5	0.150	0.056	0.05
205	5.591	5.4	40.5	7.4	.	.	4.0	0.78	.	.	14.0	.	.	.
206	5.450	4.0	52.0	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDA	YR	MONTH
207	HAENTSCHEL LAKE	4713	8055	2DA02		94.8	.	81	7
208	HANMER LAKE	4643	8058	2CF07	HANMER	51.3	694.2	79	8
209	HARVEY LAKE	4650	8026	2DC02	MCCARTHY	48.2	.	79	8
210	HELEN LAKE (NL)	4700	8107	2CF07		342.0	.	81	7
211	HICKS LAKE	4654	8031	2DC02	SHEPPARD	30.4	.	79	8
212	JOE LAKE	4644	8101	2CF14	WISNER	184.3	.	80	6
213	KAKAKISE LAKE	4604	8120	2CF03	KILLARNEY	118.9	.	80	3
214	LAKE 46 (NL)	4643	8102	2CF14	HANMER	.	.	79	9
215	LAURA LAKE	4657	8036	2DC08		223.8	.	81	7
216	LITTLE LAUNDRIE LAKE	4707	8047	2DC01		58.2	.	81	7
217	LONE LAKE	4608	8106	2CF03	SALE	38.0	148.0	82	10
218	LONELY LAKE	4659	8104	2CF07	BERESFORD	99.8	7157.2	80	2
219	LOWER BLOCK 9 LAKE (NL)	4653	8029	2DC02	MCCARTHY	5.8	.	79	8
220	MAHZENAZING LAKE	4604	8110	2CF03	CARLYLE	164.0	34494.0	82	10
221	MASKINONGE LAKE	4647	8027	2DC02		1427.7	.	81	6
222	MCCREA LAKE	4635	8100	2CF11	BLEZARD	16.3	.	79	8
223	MCGRINDLE LAKE	4654	8112	2CF16		132.9	.	81	7
224	MICHAUD LAKE	4649	8114	2CF16		147.6	.	81	7
225	MORGAN LAKE	4640	8117	2CF16	MORGAN	42.8	.	80	1
226	MOUSSEAU LAKE (NL)	4640	8135	2CE05	HART	3.7	.	81	6
227	MURIEL LAKE	4603	8126	2CF03	KILLARNEY	22.6	.	78	5
228	MURRAY LAKE	4640	8026	2DC02	DAVIS	412.9	.	80	3
229	NELSON LAKE	4644	8105	2CF13		316.1	.	81	7
230	NL (F16)	4606	8104	2CF03	KILPATRICK	1.8	80.0	82	10
231	NL (K13)	4610	8110	2CF03	SALE	11.0	262.0	82	10

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
207	29	6.440	24.0	38	4.5	.	2.0	3.0	0.90	0.80	0.35	12.0	0.014	0.010	0.01
208	11	6.000	20.0	54	.	.	.	.	.	.	.	.	.	.	.
209	18	5.500	4.0	32	.	.	.	.	.	.	.	.	.	.	.
210	21	5.880	20.8	36	11.7	.	3.3	2.8	0.95	0.50	0.30	10.5	0.036	0.016	0.04
211	28	5.800	10.0	92	.	.	.	.	.	.	.	.	.	.	.
212	11	5.900	4.0	51	.	.	.	.	.	.	.	.	.	.	.
213	.	5.600	10.4	46	.	.	.	.	.	.	.	.	.	.	.
214	18	5.810	12.0	30	.	.	.	.	.	.	.	.	.	.	.
215	7	5.880	6.8	46	0.9	.	2.0	13.6	3.30	0.70	0.50	15.0	0.022	0.140	0.02
216	7	5.800	4.2	37	4.9	.	2.7	1.6	0.40	1.10	0.45	12.0	0.034	0.048	0.04
217	13	6.096	18.2	38	8.9	.	.	2.6	1.10	0.80	0.60	11.4	0.028	.	.
218	.	5.340	10.8	40	.	.	.	.	.	.	.	.	.	.	.
219	28	5.700	18.0	.	.	.	.	.	.	.	.	.	.	.	.
220	13	5.892	10.0	37	7.7	.	.	2.4	1.04	1.00	0.48	10.7	0.057	.	.
221	16	6.140	13.2	42	-0.5	.	1.8	4.0	0.90	0.60	0.35	14.0	0.060	0.088	0.02
222	22	6.150	12.0	130	.	.	.	.	.	.	.	.	.	.	.
223	28	6.340	39.6	40	45.4	.	6.8	3.2	1.00	0.70	0.45	10.0	0.075	0.042	0.17
224	28	5.420	0.4	33	12.6	.	2.4	2.0	0.90	0.60	0.40	9.0	0.120	0.058	0.06
225	.	5.630	10.6	38	.	.	.	.	.	.	.	.	.	.	.
226	24	5.780	10.0	53	.	.	.	.	.	.	.	.	.	.	.
227	.	5.290	4.0	.	.	.	.	.	.	.	.	.	.	.	.
228	.	5.730	14.0	51	.	.	.	.	.	.	.	.	.	.	.
229	28	6.710	30.8	43	2.6	.	1.7	3.8	0.95	0.70	0.45	11.5	0.028	0.010	0.01
230	12	5.617	28.8	36	75.5	.	.	2.1	1.06	1.10	0.74	9.0	0.260	.	.
231	13	5.616	19.8	40	76.4	.	.	3.0	1.20	0.80	0.62	11.3	0.170	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDA	YR	MONTH	DAY
232	NL (K33)	4602	8115	2CF03	CARLYLE	0.2	.	82	10	13
233	NL (P6)	4610	8113	2CF03	GOSCHEN	7.0	25	82	10	14
234	NL (W1)	4604	8110	2CF03	HUMBOLDT	10.0	90	82	10	13
235	NL (P8)	4603	8110	2CF03	HUMBOLDT	9.0	172	82	10	13
236	NL (Q1)	4602	8107	2CF03	HUMBOLDT	47.0	250	82	10	13
237	NL (Q8)	4602	8110	2CF03	HUMBOLDT	30.0	1012	82	10	13
238	OSBOURNE LAKE	4652	8110	2CF14	KITCHENER	112.1	.	80	2	.
239	PARKIN LAKE	4653	8052	2DA02		107.4	.	81	7	21
240	PATH LAKE	4700	8140	2CF16		186.0	.	81	8	12
241	PEDRO LAKE	4655	8032	2DC01		63.8	.	81	8	11
242	PETER LAKE	4612	8113	2CF03	GOSCHEN	99.0	399	82	10	14
243	PIGEON LAKE (NL)	4642	8102	2CF07	HANMER	17.0	.	80	6	11
244	POLELINE LAKE (NL)	4636	8129	2CF16	CASCADEN	.	.	81	7	25
245	RED PINE LAKE	4658	8040	2DC02	DE MOREST	.	.	80	7	15
246	RHODES LAKE	4658	8123	2CF16	RHODES	189.7	.	79	9	10
247	RICHARDSON LAKE	4655	8123	2CF16	RHODES	119.9	.	79	9	10
248	RIO LAKE	4600	8112	2CF03	CARLYLE	33.0	35705	82	10	13
249	SAM MARTIN LAKE	4653	8048	2DA02		153.1	.	81	7	21
250	SCAR LAKE	4610	8105	2CF03	ATTLEE	37.0	581	82	10	12
251	SECOND LAKE (NL)	4637	8135	2CE05	ERMATINGER	9.5	.	81	7	16
252	SNIDER LAKE (NL)	4636	8130	2CF10	CASCADEN	7.5	.	81	7	24
253	SOLACE LAKE	4711	8042	2DC01		316.8	.	81	7	7
254	SPOON LAKE	4605	8104	2CF03	KILPATRICK	91.0	996	82	10	12
255	STRATA LAKE	4611	8105	2CF03	ATTLEE	17.0	929	82	10	12
256	STULL LAKE	4715	8047	2DC01	MCLEOD ELLIS	256.9	.	81	7	29

OBS	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
232	5.672	22.0	30	54.5	.	.	1.4	0.98	0.95	0.80	7.7	0.070	.	.
233	5.611	4.8	31	9.8	.	.	2.1	0.72	0.65	0.42	9.0	0.080	.	.
234	5.390	6.8	40	38.5	.	.	1.9	0.80	2.15	0.46	8.9	0.140	.	.
235	5.342	4.8	33	72.4	.	.	2.0	0.94	0.90	0.58	8.5	0.170	.	.
236	5.651	4.2	30	3.3	.	.	1.9	0.76	0.80	0.40	8.9	0.050	.	.
237	5.927	15.4	34	16.0	.	.	2.2	0.96	0.90	0.52	9.6	0.070	.	.
238	5.730	35.6	41	.	.	.	.	.	.	.	.	.	.	.
239	5.810	10.2	36	5.8	.	2.7	2.8	0.85	0.60	0.40	12.0	0.079	0.054	0.050
240	5.810	16.0	34	7.6	.	3.2	2.8	0.75	0.80	0.30	9.0	0.045	0.030	0.040
241	5.880	5.2	39	11.7	.	2.3	3.6	0.80	0.60	0.35	12.0	0.017	0.032	0.050
242	6.395	24.4	49	7.4	.	.	4.6	1.18	0.90	0.64	15.3	0.015	.	.
243	5.900	12.0	44	.	.	.	.	.	.	.	.	.	.	.
244	6.050	16.0	31	.	.	.	.	.	.	.	.	.	.	.
245	5.700	12.0	40	.	.	.	.	.	.	.	.	.	.	.
246	6.110	20.0	30	.	.	.	.	.	.	.	.	.	.	.
247	6.110	26.0	30	.	.	.	.	.	.	.	.	.	.	.
248	5.834	14.4	39	28.9	.	.	2.5	1.08	1.25	0.58	10.5	0.110	.	.
249	6.050	17.6	43	12.1	.	3.1	4.0	0.80	0.50	0.35	14.5	0.031	0.050	0.030
250	5.515	4.4	36	46.9	.	.	2.3	1.02	0.80	0.40	10.3	0.074	.	.
251	6.520	36.0	27	.	.	.	.	.	.	.	.	.	.	.
252	5.920	8.0	32	.	.	.	.	.	.	.	.	.	.	.
253	5.520	0.4	36	2.2	.	2.1	2.8	0.80	0.70	0.50	11.0	0.081	0.074	0.020
254	5.622	9.6	35	48.0	.	.	2.6	0.94	0.84	0.52	9.2	0.120	.	.
255	5.367	4.8	38	89.4	.	.	2.3	0.88	0.85	0.62	10.7	0.210	.	.
256	6.130	33.0	39	10.8	.	2.7	3.4	0.95	0.90	0.40	12.0	0.058	0.012	0.020

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDA	YR	MONTH	DAY
257	SUNFISH LAKE	4606	8106	2CF01	HUMBOLDT	29.2	.	78	5	.
258	TANK LAKE (NL)	4645	8100	2CF07	WISNER	20.7	.	80	6	11
259	TOHCHAIN LAKE	4653	8119	2CF16	TYRONE	11.8	.	80	7	26
260	TYSON CHANNEL	4607	8103	2CF03	ATTLEE	61.0	4087	82	10	12
261	TYSON LAKE (EAST BAY)	4607	8107	2CF03	SALE	1079.0	16043	82	10	13
262	UPPER GREEN LAKE	4701	8144	2CE02		71.3	.	80	1	14
263	WEST ADOBE LAKE (NL)	4652	8028	2DC02	MCCARTHY	23.8	.	79	8	18
264	WHITEFISH LAKE (NL)	4632	8134	2CF10	ERMATINGER	30.3	.	80	7	23
265	WHITSON LAKE	4635	8058	2C	BLEZARD	.	.	82	5	19
266	WINDY LAKE	4636	8127	2CF16		1112.0	.	81	7	16
267	YORSTON LAKE	4703	8032	2DC09		351.4	.	81	7	7
268	YORSTON RIVER POOL	4707	8034	2DC09	SEAGRAM	35.1	.	85	2	20

OBS	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
257	4.950	1.0	.	.	.	.	.	.	.	.	.	.	.	.
258	5.850	6.0	49	.	.	.	.	.	.	.	.	.	.	.
259	6.260	38.0	29	.	.	.	.	.	.	.	.	.	.	.
260	5.531	10.2	36	54.8	.	.	2.3	1.00	1.05	0.42	9.7	0.150	.	.
261	5.653	1.8	38	4.7	.	.	2.5	1.04	0.85	0.48	11.7	0.070	.	.
262	6.080	29.2	38	6.8	.	.	3.4	0.70	0.90	0.45	11.5	0.060	0.040	0.053
263	6.000	22.0	37	.	.	.	.	.	.	.	.	.	.	.
264	5.350	2.0	26	.	.	.	.	.	.	.	.	.	.	.
265	5.838	12.0	105	16.1	.	.	6.0	1.97	.	.	20.7	.	.	.
266	6.530	37.2	54	13.5	.	2.5	3.4	1.10	3.00	0.45	11.0	0.020	0.018	0.040
267	6.190	13.8	44	3.6	.	2.6	3.2	0.80	0.70	0.40	15.0	0.043	0.066	0.010
268	6.052	19.2	43	.	5	2.7	4.7	0.80	0.60	0.34	15.8	0.016	0.033	.

TEMAGAMI DISTRICT - ACIDIC

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDA	DAY	MONTH	YEAR	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
269	BOB LAKE	4710	8016	2JD02		161.1	.	1	7	81	4.80	-17.2	32	4.0	.	2.5	1.8	0.65	1.0	0.45	10.0	0.230	0.118	0.11
270	DEE'S LAKE (NL)	4721	8031	2JD03	MCGIFFIN	82.3	.	6	8	79	5.15	0.0	44	.	.	.	.	.	.	.	.	.	.	.
271	GULLROCK LAKE	4719	7956	2JD01		229.4	.	1	7	81	5.17	-7.2	38	0.0	.	1.5	2.6	0.90	0.5	0.25	12.0	0.052	0.108	0.01
272	JERRY LAKE	4722	8039	2JD03		56.3	.	11	8	81	4.91	-11.2	38	14.4	.	0.6	2.6	0.70	0.7	0.40	11.5	0.270	0.156	0.03
273	JIM EDWARDS LAKE	4718	8026	2JD03		86.7	.	29	7	81	4.91	-10.6	32	4.5	.	1.1	2.0	0.65	0.6	0.30	10.5	0.280	0.184	0.01
274	LANDERS LAKE	4716	8029	2DC08		110.7	.	11	8	81	4.74	-18.0	36	32.8	.	1.6	2.2	0.60	0.8	0.30	10.5	0.420	0.164	0.02
275	NORTH YORSTON LAKE	4717	8039	2DC07	PARKER	50.2	.	22	6	79	4.99	-16.0	40	.	.	.	.	.	.	.	.	.	.	.
276	WALLIS 17 LAKE (NL)	4732	8027	2JD04	WALLIS	.	.	20	6	79	4.30	-46.0	50	.	.	.	.	.	.	.	.	.	.	.
277	WALLIS 18 LAKE (NL)	4732	8027	2JD04	WALLIS	.	.	19	6	79	4.40	-36.0	40	.	.	.	.	.	.	.	.	.	.	.
278	WHITEPINE LAKE	4723	8038	2JD07		77.8	.	9	7	81	4.79	-15.8	33	7.2	.	1.8	2.0	0.65	0.7	0.40	9.5	0.220	0.130	0.05

TEMAGAMI DISTRICT - EXTREMELY SENSITIVE

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDA	YR	MONTH	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
279	ANVIL LAKE	4725	8016	2JD03		226.4	.	81	7	8	6.16	25.8	35	18.8	.	4.9	2.8	1.00	0.9	0.45	10.5	0.061	0.024	0.10
280	BANKS LAKE	4730	8024	2JD04		307.7	.	81	7	9	5.64	2.8	33	6.3	.	2.0	2.4	0.75	0.8	0.40	10.0	0.040	0.054	0.01
281	DIAMOND LAKE	4712	8015	2JD02		926.0	.	81	7	1	6.26	25.6	36	7.6	.	4.4	2.8	0.95	1.0	0.40	11.0	0.035	0.034	0.13
282	FALL LAKE	4649	7931	2JE07	FLETT	108.7	.	79	7	21	5.10	4.0	29	.	.	.	.	.	.	.	.	.	.	.
283	LADY SYDNEY LAKE	4724	8012	2JD02		229.9	.	81	7	8	5.55	2.8	36	.	.	.	.	.	.	.	.	.	.	.
284	LAKE 4 (NL)	4702	8009	2DC06	JOAN	.	.	79	8	20	6.00	30.0	.	.	.	.	.	.	.	.	.	.	.	.
285	MAKOBE LAKE	4727	8027	2JD04		2023.0	.	81	7	9	5.61	1.8	32	9.9	.	2.3	2.2	0.75	0.8	0.40	9.5	0.039	0.050	0.02
286	SMITH LAKE	4723	8046	2JD07		250.0	.	81	7	29	5.61	0.6	32	-3.2	.	1.6	2.4	0.70	0.7	0.35	10.5	0.055	0.054	0.01
287	SMOOTHWATER LAKE	4724	8041	2JD07		912.5	.	81	7	29	5.84	4.2	37	-3.2	.	1.0	3.0	0.85	0.9	0.35	12.5	0.054	0.040	0.02
288	SUGAR LAKE	4721	8006	2JD02		231.5	.	81	7	8	6.27	38.0	41	14.4	.	3.7	3.4	1.05	0.9	0.30	11.0	0.044	0.012	0.02
289	TRETHEWEY LAKE	4726	8030	2JD04		565.7	.	81	7	9	5.71	8.2	35	11.2	.	3.1	2.6	0.80	0.8	0.35	10.5	0.054	0.050	0.03

WAWA DISTRICT - ACIDIC

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDA	YR	MONTH	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
290	UNNAMED 2K30 LAKE (NL)	4804	8444	2BD05	CHABANEL	.	.	80	9	4	3.68	-216	370	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDA	YR	MONTH	DAY
291	ALVIN LAKE	4716	8417	2BE08	RAAFLAUB	.	.	80	8	7
292	BARBARA LAKE	4716	8420	2BE05	RAAFLAUB	58.4	.	80	8	7
293	BIG PIKE LAKE	4714	8421	2BE08	RAAFLAUB	.	.	80	8	7
294	BLACK BEAVER LAKE	4724	8430	2BE05	GREENWOOD	165.9	.	81	8	19
295	GREIG LAKE	4729	8448	2BE03	BRIHACOMBE	.	.	81	6	5
296	GREY OWL LAKE	4716	8412	2BE08	RUNNALLS	248.1	.	80	8	7
297	HUBERT LAKE	4719	8427	2BE05	LARSON	85.3	.	81	8	19
298	LIONEL LAKE	4723	8424	2BE05	LARSON	.	.	81	6	11

OBS	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
291	4.960	-16.0	20	.	.	.	.	.	.	.	.	.	.	.
292	5.050	-12.0	20	.	.	.	.	.	.	.	.	.	.	.
293	5.170	-10.0	20	.	.	.	.	.	.	.	.	.	.	.
294	4.890	-10.0	23	.	.	.	.	.	.	.	.	.	.	.
295	4.930	-6.0	11	.	.	.	.	.	.	.	.	.	.	.
296	5.010	-6.0	19	.	.	.	.	.	.	.	.	.	.	.
297	5.190	-4.0	24	.	.	.	.	.	.	.	.	.	.	.
298	4.870	-4.0	26	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDA	YR	MONTH	DAY
299	MALLOT LAKE	4719	8415	2BE08	RAAFLAUB	.	.	81	6	19
300	MARJORY LAKE	4802	8507	2BD03	WARPULA	.	.	81	7	7
301	MOLYBDENITE LAKE	4803	8458	2BD04	ANDRE	93.6	.	78	8	.
302	UNNAMED 1H09 LAKE (NL)	4759	8501	2BD03	BOSTWICK	.	.	80	9	6
303	UNNAMED 1H10 LAKE (NL)	4758	8501	2BD03	BOSTWICK	.	.	80	9	6
304	UNNAMED 1H22 LAKE (NL)	4759	8500	2BD04	BOSTWICK	.	.	80	9	6
305	DOC GREIG LAKE	4729	8449	2BE03	BRIMACOMBE	13.8	.	85	2	10
306	MARJORY LAKE (MARJORIE)	4802	8507	2BD03	WARPULA	.	.	85	2	11
307	MOLYBDENITE LAKE	4803	8458	2BD04	ANDRE	.	.	85	2	11

OBS	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
299	4.720	-12.0	26	.	.	.	.	.	.	.	.	.	.	.
300	4.600	-18.0	29	.	.	.	.	.	.	.	.	.	.	.
301	5.000	-29.8	.	.	.	.	.	.	.	.	.	.	.	.
302	4.650	-14.0	33	.	.	.	.	.	.	.	.	.	.	.
303	4.610	-14.0	30	.	.	.	.	.	.	.	.	.	.	.
304	4.500	-28.0	34	.	.	.	.	.	.	.	.	.	.	.
305	5.590	-100.0	27	.	5.5	2.5	2.4	0.52	0.66	0.34	7.42	0.086	0.027	.
306	4.703	-100.0	31	.	98.0	11.7	2.6	0.54	0.30	0.62	6.81	0.510	0.064	.
307	4.731	-100.0	28	.	47.0	6.4	1.9	0.46	0.40	0.42	6.88	0.450	0.076	.

WAWA DISTRICT - EXTREMELY SENSITIVE

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDA	YR	MONTH	DAY	TIA	COND	COLAPC	COLTRC	DOC	CA	MG	NA	K	SO4	AL	MN	FE
308	BLACK LAKE	4736	8442	2BE03	BARAGER	.	.	81	6	18	14.0	28	.	.	.	.	.	.	.	.	.	.	.
309	BLACKSPRUCE LAKE	4739	8419	2BE07	BEAUDRY	111.9	.	81	6	19	32.0	35	.	.	.	.	.	.	.	.	.	.	.
310	BUDWORM LAKE	4751	8413	2BD05	QUILL	.	.	81	6	19	36.0	35	.	.	.	.	.	.	.	.	.	.	.
311	GAMITAGAMA LAKE	4739	8446	2BE03	TIERNAN	195.4	.	81	6	15	32.0	32	.	.	.	.	.	.	.	.	.	.	.
312	GOULD LAKE	4749	8417	2BE05	SAMPSON	246.6	.	81	6	30	36.0	12	.	.	.	.	.	.	.	.	.	.	.
313	HARDTIME LAKE	4734	8442	2BE03	BARAGER	20.5	.	81	7	7	24.0	34	.	.	.	.	.	.	.	.	.	.	.
314	HOPPY LAKE	4726	8406	2BE08	HADLEY	.	.	81	6	11	6.0	29	.	.	.	.	.	.	.	.	.	.	.
315	HUCKSON LAKE	4729	8435	2BE04	GREENWOOD	6.0	.	81	7	1	24.0	27	.	.	.	.	.	.	.	.	.	.	.
316	JACKFISH LAKE	4800	8535	2BC09	UNORGANIZED	.	.	80	6	21	10.0	19	.	.	.	.	.	.	.	.	.	.	.
317	JEFF LAKE	4727	8415	2BE08	GRZELA	.	.	81	6	11	6.0	28	.	.	.	.	.	.	.	.	.	.	.
318	KWAGAMA LAKE	4727	8435	2BE04	GREENWOOD	221.1	.	81	6	19	10.0	29	.	.	.	.	.	.	.	.	.	.	.
319	LITTLE AGAWA LAKE	4721	8423	2BE05	LARSON	131.2	.	81	6	11	2.0	28	.	.	.	.	.	.	.	.	.	.	.
320	MASH LAKE	4735	8446	2BE03	ASSELIN	13.6	.	81	7	4	32.0	32	.	.	.	.	.	.	.	.	.	.	.
321	MENZIE LAKE	4728	8435	2BE04	GREENWOOD	10.8	.	81	7	1	6.0	23	.	.	.	.	.	.	.	.	.	.	.
322	MUD LAKE	4736	8444	2BE03	BARAGER	.	.	81	6	18	6.0	28	.	.	.	.	.	.	.	.	.	.	.
323	OLD WOMAN LAKE	4737	8443	2BE03	BARAGER	261.5	.	81	6	30	22.0	32	.	.	.	.	.	.	.	.	.	.	.
324	PICNIC LAKE	4836	8516	2BC01	HUNT	150.8	.	78	8	.	17.4	.	.	.	.	.	.	.	.	.	.	.	.
325	SONNY LAKE	4726	8419	2BE08	GRZELA	.	.	81	6	19	4.0	24	.	.	.	.	.	.	.	.	.	.	.
326	UNNAMED 1H25 LAKE (NL)	4759	8457	2BD04	BOSTWICK	.	.	80	9	6	6.0	33	.	.	.	.	.	.	.	.	.	.	.
327	UNNAMED 2002 LAKE (NL)	4807	8416	2BD06	DEBASSIGE	.	.	80	9	5	30.0	36	.	.	.	.	.	.	.	.	.	.	.
328	UNNAMED 2P41 LAKE (NL)	4803	8405	2BD08	LAFORME	.	.	80	9	5	38.0	43	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	LKAREA	WSHEDYR	MONTH	DAY	PH	TIA	COND	COLAPR	COLTRC	DOC	CA	MG	NA	K	SO4	AL	MN	FE
329	UNNAMED 2P59 LAKE (NL)	4802	8402	2BD08	LAFORME	.	.	80	9	5	5.720	18.0	25	.	.	.	.	.	.	.	.	.	.
330	UNNAMED 3N38 LAKE (NL)	4807	8416	2BD06	DEBASSIGE	.	.	80	9	5	5.810	22.0	31	.	.	.	.	.	.	.	.	.	.
331	WILDCAT LAKE	4733	8441	2BE04	BROOME	88.7	.	81	7	7	5.710	20.0	34	.	.	.	.	.	.	.	.	.	.
332	OLD WOMAN LAKE	4737	8443	2BE03	BARANGER	.	.	85	2	10	6.251	27.4	24	.	20	3.7	2.8	0.42	0.46	0.34	4.84	0.1	0.008	.

TABLE 2: LAKES SAMPLED WITH PH < 5 - FISH SPECIES PRESENT.

OBS	LAKE	LAT	LONG	TWSP	DIST	YEAR	MTH	DAY	PH	TIA	STDATE	SPNB	LT	BT	SNB	WALLEYE	LNF	I
1	ACID LAKE	4602	8127	KILLARNEY	45	99	99	99	4.840	-0.68	720512	0	.	.	.	.	.	.
2	BLACK BEAVER LAKE	4724	8430	GREENWOOD	47	81	8	19	4.890	-0.50	800617	2	1	1	.	.	.	3
3	BOB LAKE	4710	8016	CANTON	46	81	7	1	4.800	-0.86	770819	1	.	.	.	.	.	2
4	CHINIGUCHI LAKE	4657	8042	TELFER	45	81	7	7	4.630	-1.27	710801	0	.	.	.	.	.	.
5	CLEARSILVER LAKE	4606	8115	CARLYLE	45	78	5	99	4.530	-0.84	720724	0	.	.	.	.	.	.
6	CLEARWATER LAKE	4622	8103	BRODER	45	81	8	4	4.520	-1.86	720627	0	.	.	.	.	.	.
7	COLIN SCOTT LAKE	4650	8030	MCCARTHY	45	99	99	99	4.800	-0.73	790616	0	.	.	.	.	.	.
8	DAVID LAKE	4608	8118	STALIN	45	81	7	13	4.710	-1.03	720729	2	.	.	.	.	1	3
9	DONALD LAKE	4648	8031	KELLY	45	81	6	16	4.690	-1.17	790613	1	.	.	.	.	.	2
10	DOUGHERTY LAKE	4701	8040	DEMOREST	45	81	7	7	4.500	-1.69	720803	0	.	.	.	.	.	.
11	FREDERICK LAKE	4702	8044	STOBIE	45	81	7	7	4.620	-1.28	800708	1	.	.	.	.	.	2
12	GREAT MOUNTAIN LAKE	4609	8122	KILLARNEY	45	80	3	99	4.660	-1.23	730806	6	1	.	1	.	.	7
13	JERRY LAKE	4722	8039	GAMBLE	46	81	8	11	4.910	-0.56	770701	0	.	.	.	.	.	.
14	JIM EDWARDS LAKE	4718	8026	SELBY	46	81	7	29	4.910	-0.53	750704	0	.	.	.	.	.	.
15	KILLARNEY LAKE	4604	8122	KILLARNEY	45	81	7	13	4.860	-0.66	720606	4	.	.	.	.	.	5
16	LANDERS LAKE	4716	8029	SELBY	46	81	8	11	4.740	-0.90	770716	0	.	.	.	.	.	.
17	LOWER MATAGAMASI LAKE	4650	8029	MCCARTHY	45	99	99	99	5.000	-0.13	790710	1	.	.	.	.	.	2
18	MACDONALD LAKE	4655	8134	EMO	45	99	99	99	4.870	-0.72	770805	2	.	.	.	.	.	1
19	MOLYBDENITE LAKE	4803	8458	ANDRE	47	78	8	99	5.000	-1.49	780718	1	.	.	.	.	.	2
20	NELLIE LAKE	4607	8130	ROOSEVELT	45	81	7	13	4.500	-1.76	730727	0	.	.	.	.	.	.
21	NORTH YORSTON LAKE	4717	8039	PARKER	46	79	6	22	4.990	-0.80	790622	0	.	.	.	.	.	.
22	NORWAY LAKE	4605	8118	KILLARNEY	45	80	3	99	4.790	-0.88	720617	1	.	.	.	.	.	2
23	O.S.A. LAKE	4603	8124	KILLARNEY	45	81	7	13	4.650	-1.21	720531	1	.	.	.	.	.	2
24	RICE LAKE	4650	8028	MCCARTHY	45	79	7	11	4.950	-0.60	790711	1	.	.	.	.	.	2
25	SUNFISH LAKE	4606	8106	HUMBOLDT	45	78	5	99	4.950	0.05	730519	4	.	.	.	.	.	5
26	TERRY LAKE	4604	8117	CARLYLE	45	80	3	99	5.000	-0.32	720619	5	.	.	.	.	.	6
27	TILLIE LAKE	4703	8100	BERESFORD	45	81	7	21	4.890	-0.52	800612	3	.	.	.	.	.	4
28	TURBID LAKE	4607	8111	GOSCHEN	45	82	10	13	4.808	-0.95	720714	2	.	.	.	.	.	3
29	WHITEPINE LAKE	4723	8038	GAMBLE	46	81	7	9	4.790	-0.79	700810	1	.	1	.	.	.	2

APPENDICES

Appendix 1

Abbreviations of chemical and physical parameters used in this report.

LAT	- latitude
LONG	- longitude
WSHED	- watershed
TWP	- township
LKAREA	- lake area
WSHEDA	- watershed area
Yr	- year
Mth	- month
pH	- acidity
TIA	- total inflection point alkalinity (ueq/l)
COND	- conductivity (umhos/cm)
COLAP	- apparent colour of sampled lake (hazen units)
COLTR	- true colour of sampled lake (hazen units)
DOC	- dissolved organic carbon (mg/ml)
CA	- calcium (mg/l)
MG	- magnesium (mg/l)
Na	- sodium (mg/l)
K	- potassium (mg/l)
SO_4	- sulphate (mg/l)
AL	- aluminum (mg/l)
MN	- manganese (mg/l)
Fe	- iron (mg/l)
STDATE	- station date
SPNB	- species number
LT	- lake trout
BT	- brook trout
SMB	- smallmouth bass
LWF	- lake whitefish

Appendix II

Alphabetical listing of all sampled lakes in Northeastern Region.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1339	A.Y.JACKSON LAKE	4601	8124	2CF03	KILLARNEY	45	6.1	.	78	5
1340	ACHIGAN LAKE	4655	8412	2BF03	MARNE	44	274.6	.	79	5
1341	ACHIGAN LAKE (BASS)	4655	8412	2BF03	MARNE	44	274.6	.	85	2
1342	ACID LAKE	4602	8127	2CF03		45	4.4	.	.	.
1343	ADELAIDE LAKE	4704	8418	2BF06	OLSEN	44	163.6	.	81	8
1344	AFFLECK LAKE	4715	8333	2CB02	CARTON	44	131.9	.	80	5
1345	AGAWA STATION LAKE	4739	8432	2BE05	BARNES	47	66.5	.	81	7
1346	AGAWA STATION LAKE	4739	8432	2BE05	BARNES&STONEY	47	.	.	85	2
1347	AIRPORT LAKE	4651	8207	2CE06	GERVAIS	42	80.8	.	80	8
1348	ALEXANDER LAKE	4635	8233	2CC06	HUGHSON	41	.	.	81	3
1349	ALEXANDER LAKE	4628	7856	2JE01	ANTOINE	43	29.6	.	85	2
1350	ALEXANDRA LAKE	4819	8433	2BD05	DUNPHY	47	.	.	80	9
1351	ALLEN LAKE (NL)	4614	8253	2CD05	STRIKER	41	.	.	79	8
1352	ALMA LAKE	4919	8319	2CD09	PATTON	41	.	.	81	6
1353	ALMONTE LAKE	4743	8442	2BD07	STONE	47	.	.	85	2
1354	ALOFT LAKE	4818	8427	2B[illegible]5		47	106.2	.	.	.
1355	ALVA LAKE	4704	8401	2BF06	DESBIENS	44	50.2	.	85	2
1356	ALVIN LAKE	4716	8417	2BE08	RAAFLAUB	47	.	.	80	8

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1339	.	6.500	0.6	.	.	.	.	.	.	.	.	.	.	.	.
1340	.	6.260	40.8	30	.	.	.	.	.	.	.	.	.	.	.
1341	8	6.561	49.4	27	.	17.0	3.5	3.2	0.60	0.70	0.30	5.35	0.085	0.006	.
1342	.	4.840	-13.6	29	.	.	.	.	.	.	.	.	.	.	.
1343	12	6.360	36.0	37	.	.	.	.	.	.	.	.	.	.	.
1344	15	7.100	214.0	.	.	.	.	.	.	.	.	.	.	.	.
1345	7	6.780	112.0	42	.	.	.	.	.	.	.	.	.	.	.
1346	9	7.159	139.2	29	.	5.0	2.4	3.6	0.66	0.66	0.36	4.78	0.006	0.014	.
1347	15	6.390	46.0	31	.	.	.	.	.	.	.	.	.	.	.
1348	2	5.340	-70.0	28	.	.	.	.	.	.	.	.	.	.	.
1349	27	7.244	244.0	51	.	7.0	1.7	5.0	1.55	1.10	1.20	9.55	0.000	0.068	.
1350	6	7.000	212.0	57	.	.	.	.	.	.	.	.	.	.	.
1351	30	7.300	148.0	47	.	.	.	.	.	.	.	.	.	.	.
1352	4	6.500	90.0	43	.	.	.	.	.	.	.	.	.	.	.
1353	10	6.728	76.8	27	.	25.5	4.7	3.5	0.52	0.56	0.36	4.78	0.057	0.008	.
1354	.	7.530	299.0	49	.	.	.	12.2	1.42	.	.	.	0.060	0.010	.
1355	7	7.340	477.2	67	.	51.0	7.9	12.4	0.78	0.56	0.24	5.53	0.041	0.015	.
1356	7	4.960	-16.0	20	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1357	ANAHAREA LAKE	4837	8441	4JA01	DOUCETT	47	.	.	80	7
1358	ANDRE LAKE	4808	8437	2BD05	CORBIERE	47	61.2	.	78	7
1359	ANIMA NIPISSING LAKE	4714	7957	2DC06		46	2051.2	.	81	7
1360	ANIMONS LAKE (GRAB)	4838	8534	2BC10	MCCRON	47	38.0	.	85	2
1361	ANJIGAMI LAKE	4750	8436	2BD07	NEBONAIONQUET	47	.	.	80	7
1362	ANJIGAMI LAKE	4750	8436	2BD07	NEBONAIONQUET&	47	.	.	85	2
1363	ANNIBAL LAKE (WEST)	4701	8348	2BF03	NAHWEGEZHIC	44	46.3	.	85	2
1364	ANTRIM LAKE	4656	8137	2CF16	ANTRIM	45	90.8	.	80	1
1365	ANVIL LAKE	4725	8016	2JD03		46	226.4	.	81	7
1366	ANVIL LAKE (NORTH ANVIL)	4704	8331	2CB02	HANDLEMAN	44	92.3	.	81	9
1367	APISABIGO LAKE	4828	8344	4LH01	ABIGO	47	429.2	.	80	7
1368	APPLESAUCE LAKE	4635	8234	2CC06	HUGHSON	41	.	.	81	3
1369	ARLISS LAKE	4803	8443	2BD05	CHABANEL	47	61.2	.	78	6
1370	ARMOUR LAKE	4705	8339	2BF03	HOFFMAN	44	45.4	.	80	6
1371	ARMY LAKE	4652	8241	2CB01	YAREMKO	41	64.9	.	80	8
1372	ARROW LAKE	4611	7828	2KA08	CAMERON	43	9.9	.	85	2
1373	ARTHURS LAKE (JACK'S)	4556	7950	2DD14	MILLS	43	215.4	.	82	5
1374	ASHIGAMI LAKE	4639	8034	2DC02	DAVIS	45	482.1	.	80	3
1375	ASTONISH LAKE	4634	8251	2CD02	NICHOLAS	41	79.4	.	81	7
1376	ATIKAMEG LAKE	4851	8530	2BC11	ATIKAMEG	47	19.8	.	85	2
1377	ATOMIC LAKE	4720	8414	2BE08	LOACH	47	18.6	.	85	2
1378	ATTLEE LAKE	4608	8059	2CF03	ATTLEE	45	142.0	2081	82	10
1379	AUBREY LAKE	4654	8311	2CB01	ROLLINS	41	.	.	80	7
1380	AUGUSTA LAKE	4803	8522	2BD02	UNORGANIZED	47	67.4	.	81	8
1381	AUGUSTA LAKE	4803	8522	2BD02	UNSURVEYED	47	.	.	85	2

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1357	10	7.790	1186.0	111.0	.	.	.	.	.	.	.	.	.	.	.
1358	.	7.510	533.0	.	.	.	.	.	.	.	.	.	.	.	.
1359	1	6.910	72.4	44.0	2.2	.	2.5	3.6	1.20	0.70	0.25	12.00	0.007	0.006	0.02
1360	17	7.252	471.6	61.0	.	26.5	7.1	9.5	1.70	0.60	0.42	4.01	0.020	0.009	.
1361	31	6.480	144.0	41.0	.	.	.	.	.	.	.	.	.	.	.
1362	10	6.985	135.2	34.0	.	46.5	6.4	4.5	0.86	0.70	0.42	5.59	0.130	0.010	.
1363	7	6.324	78.6	30.0	.	37.0	6.5	3.7	0.60	0.60	0.18	5.83	0.130	0.025	.
1364	.	6.310	95.8	52.0	.	.	.	.	.	.	.	.	.	.	.
1365	8	6.160	25.8	35.0	18.8	.	4.9	2.8	1.00	0.90	0.45	10.50	0.061	0.024	0.10
1366	20	6.350	64.0	36.0	.	.	.	.	.	.	.	.	.	.	.
1367	18	6.920	336.0	54.0	.	.	.	.	.	.	.	.	.	.	.
1368	2	5.630	-60.0	32.0	.	.	.	.	.	.	.	.	.	.	.
1369	.	6.850	244.0	.	.	.	.	.	.	.	.	.	.	.	.
1370	21	6.470	58.0	34.0	.	.	.	.	.	.	.	.	.	.	.
1371	22	7.000	132.0	36.0	.	.	.	.	.	.	.	.	.	.	.
1372	26	6.947	205.8	41.0	.	.	4.7	3.9	1.35	0.86	0.50	6.05	0.011	0.026	.
1373	14	6.394	108.0	42.0	54.4	.	.	4.0	0.93	.	.	7.50	.	.	.
1374	.	5.970	39.4	53.0	.	.	.	.	.	.	.	.	.	.	.
1375	14	7.050	273.2	38.0	18.8	.	5.2	6.8	0.80	1.00	0.25	8.00	.	.	.
1376	18	7.700	1744.8	180.0	.	35.0	8.0	28.2	6.05	0.76	0.52	4.37	0.027	0.009	.
1377	9	6.289	42.8	22.0	.	12.5	3.6	2.6	0.54	0.50	0.30	5.16	0.053	0.017	.
1378	12	6.473	36.2	37.0	10.5	.	.	2.3	1.06	1.10	0.46	9.80	0.017	.	.
1379	9	7.650	522.0	94.0	.	.	.	.	.	.	.	.	.	.	.
1380	8	6.300	124.0	42.0	.	.	.	.	.	.	.	.	.	.	.
1381	11	6.623	122.2	32.0	.	32.0	5.1	4.4	0.62	0.26	0.18	5.42	0.140	0.012	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH	DAY
1382	BABY LAKE	4734	8449	2BE03	BRIMACOMBE	47	0.6	.	81	6	5
1383	BALDHEAD LAKE	4742	8444	2BE03	STONE	47	45.9	.	85	2	10
1384	BALLARD LAKE	4811	8407	2BD06	ECHUM	47	79.0	.	85	2	15
1385	BANANISH LAKE	4837	8539	2BC03	UNORGANIZED	47	106.7	.	81	6	24
1386	BANKS LAKE	4730	8024	2JD04		46	307.7	.	81	7	9
1387	BARBARA LAKE	4716	8420	2BE05	RAAFLAUB	47	58.4	.	80	8	7
1388	BARE TENT LAKE	4826	8433	2BD05	CHENARD	47	45.5	.	85	2	14
1389	BARK LAKE	4654	8228	2CB01		41	1256.1	.	81	7	2
1390	BARR LAKE	4642	8313	2CC09	SAYER	41	72.7	.	79	7	22
1391	BARRY LAKE	4821	8420	2BD06	JACOBSON	47	43.7	.	78	8	.
1392	BASS LAKE (HAMNER)	4643	8057	2C	WISNER	45	.	.	82	5	18
1393	BATTY LAKE	4625	8222	2CD02	GAIASHK	42	244.5	.	80	9	3
1394	BAULDRY LAKE	4806	8439	2BD05		47	51.4	.	.	.	.
1395	BAULDRY LAKE (SCOTT)	4806	8439	2BD05	ESQUEGA	47	51.4	.	85	2	14
1396	BAY LAKE	4721	7951	2JD01	COLEMAN	46	1456.4	.	79	5	.
1397	BEAK LAKE	4713	8312	2CB02	GAUNT	41	116.2	.	80	7	6
1398	BEAR LAKE	4612	8127	2CF05	ROOSEVELT	42	683.1	.	81	7	13
1399	BEAR LAKE (NL)	4610	8024	2D	MARTLAND	45	.	.	82	5	12
1400	BEARHEAD LAKE	4618	8258	2CD08	SCARFE	41	267.0	.	78	7	.
1401	BEATTY LAKE (WOLFE)	4602	7932	2DD25	NIPISSING	43	121.3	.	79	5	.
1402	BELANGER LAKE	4650	7950	2DC06	OLIVE	46	81.6	.	79	6	12
1403	BELANGER LAKE	4738	8451	2BE03	ASSELIN	47	.	.	80	9	11
1404	BELL LAKE	4608	8112	2CF03	GOSCHEN	45	353.0	8305	81	7	13
1405	BELLE LAKE (NL)	4619	8235	2CD05	ESTEN	41	32.6	.	79	6	10
1406	BENNET LAKE	4654	8122	2CF16	RHODES	45	68.3	.	79	9	13

OBS	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1382	6.300	74.0	67.0	.	.	.	.	.	.	.	.	.	.	.
1383	7.139	221.2	36.0	.	44.0	.	4.5	0.54	0.56	0.48	3.77	0.120	0.065	.
1384	6.352	167.8	39.0	.	85.0	11.0	4.8	1.15	0.80	0.44	4.97	0.095	0.031	.
1385	7.020	514.0	24.0	.	.	.	.	.	.	.	.	.	.	.
1386	5.640	2.8	33.0	6.3	.	2.0	2.4	0.75	0.80	0.40	10.00	0.040	0.054	0.01
1387	5.050	-12.0	20.0	.	.	.	.	.	.	.	.	.	.	.
1388	6.770	263.8	49.0	.	59.5	9.5	6.2	1.60	0.70	.	5.74	0.075	0.014	.
1389	6.870	159.2	41.0	15.3	.	5.1	3.8	1.00	1.40	0.40	7.50	0.010	0.024	0.10
1390	7.000	76.0	29.0	.	.	.	.	.	.	.	.	.	.	.
1391	7.800	590.0	.	.	.	.	.	.	.	.	.	.	.	.
1392	6.553	60.0	42.2	6.0	.	.	4.1	0.75	.	.	13.20	.	.	.
1393	6.300	-32.0	28.0	.	.	.	.	.	.	.	.	.	.	.
1394	7.240	456.0	81.0	.	.	.	19.0	2.16	.	.	.	0.065	0.008	.
1395	7.387	563.4	108.0	.	6.5	2.4	16.9	2.00	0.56	.	20.66	0.000	0.004	.
1396	7.030	269.0	56.0	.	.	.	.	.	.	.	.	.	.	.
1397	7.200	196.0	47.0	.	.	.	.	.	.	.	.	.	.	.
1398	6.980	133.8	60.0	13.0	.	4.1	6.0	1.60	1.70	0.75	17.50	0.010	0.010	0.09
1399	6.956	190.8	50.2	36.2	.	.	4.8	1.76	.	.	9.80	.	.	.
1400	6.920	76.4	.	.	.	.	.	.	.	.	.	.	.	.
1401	6.530	93.4	41.0	.	.	.	.	.	.	.	.	.	.	.
1402	6.600	124.0	61.0	.	.	.	.	.	.	.	.	.	.	.
1403	6.530	58.0	37.0	.	.	.	.	.	.	.	.	.	.	.
1404	5.370	0.8	37.0	14.4	.	4.1	3.0	0.90	1.10	0.50	13.00	0.098	0.098	0.17
1405	6.460	52.0	93.0	.	.	.	.	.	.	.	.	.	.	.
1406	6.700	94.0	32.0	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1407	BENSON LAKE (NL)	4640	8130	2CE05	CARTIER	45	6.8	.	81	7
1408	BERRY LAKE	4743	8415	2BE05	TABOBONDUNG	47	.	.	80	9
1409	BIERCE LAKE	4648	8256	2CB01	THORP	41	71.2	.	81	8
1410	BIG PIKE LAKE	4714	8421	2BE08	RAAFLAUB	47	.	.	80	8
1411	BIG POPLAR LAKE	4612	7828	2KA08	CAMERON	43	31.2	.	85	2
1412	BIG SQUAW LAKE	4701	8157	2CA04		45	87.8	.	80	1
1413	BIG TROUT LAKE (NL)	4651	8222	2CE03	FONTAINE	42	436.2	.	80	8
1414	BIG VALLEY LAKE	4652	8034	2DC02	MACKELCAN	45	61.5	.	79	8
1415	BILLY LAKE	4608	8110	2CF03	SALE	45	20.0	161.0	82	10
1416	BLACK BEAVER LAKE	4724	8430	2BE05	GREENWOOD	47	165.9	.	81	8
1417	BLACK LAKE	4736	8442	2BE03	BARAGER	47	.	.	81	6
1418	BLACK TROUT LAKE	4803	8450	2BD05		47	178.5	.	.	.
1419	BLACK TROUT LAKE	4803	8450	2BD05	BAILLOQUET	47	.	.	85	2
1420	BLACKFISH LAKE	4813	8407	2BD06	COPENACE	47	216.5	.	81	7
1421	BLACKINGTON LAKE	4754	8451	2BE01	RABAZO	47	32.4	.	78	8
1422	BLACKINGTON LAKE	4754	8450	2BE01	RABAZO	47	32.4	.	85	2
1423	BLACKSPRUCE LAKE	4739	8419	2BE07	BEAUDRY	47	111.9	.	81	6
1424	BLOCK 12 LAKE (NL)	4654	8033	2DC02	SHEPPARD	45	42.7	.	79	8
1425	BLOCK 9 LAKE (NL)	4653	8029	2DC02	SHEPPARD	45	59.4	.	79	8
1426	BLUE LAKE	4644	7919	2JE12	MCAUSLAN	43	176.9	.	85	2
1427	BLUESUCKER LAKE	4710	8037	2DC09		45	144.6	.	81	7
1428	BOB LAKE	4710	8016	2JD02		46	161.1	.	81	7
1429	BOGLE LAKE	4821	8504	2BD02	DAHL	47	33.7	.	78	8
1430	BOJACK LAKE	4649	8415	2BF03	TUPPER	44	28.7	.	81	5
1431	BOLAND LAKE	4645	7926	2JE12	LASALLE	43	106.5	.	85	2

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1407	27	5.620	-28.0	30	.	.	.	.	.	.	.	.	.	.	.
1408	11	6.000	82.0	37	.	.	.	.	.	.	.	.	.	.	.
1409	9	6.300	66.0	33	.	.	.	.	.	.	.	.	.	.	.
1410	7	5.170	-10.0	20	.	.	.	.	.	.	.	.	.	.	.
1411	26	6.305	76.4	33	.	.	10.4	3.3	1.20	0.86	0.42	6.45	0.097	0.032	.
1412	14	6.090	49.6	41	25.0	.	.	3.6	0.90	1.90	0.45	12.00	0.072	0.030	0.08
1413	22	5.850	-8.0	30	.	.	.	.	.	.	.	.	.	.	.
1414	18	5.730	4.0	36	.	.	.	.	.	.	.	.	.	.	.
1415	13	4.717	-23.2	32	26.6	.	.	1.8	0.66	0.50	0.28	8.90	0.18	.	.
1416	19	4.890	-10.0	23	.	.	.	.	.	.	.	.	.	.	.
1417	18	5.520	14.0	28	.	.	.	.	.	.	.	.	.	.	.
1418	.	5.990	143.0	24	.	.	.	6.3	.	.	.	.	0.190	0.042	.
1419	11	6.947	143.8	43	.	17.5	4.3	5.5	0.84	0.50	0.58	9.15	0.067	0.011	.
1420	6	6.330	138.0	52	.	.	.	.	.	.	.	.	.	.	.
1421	.	7.720	852.0	.	.	.	.	.	.	.	.	.	.	.	.
1422	10	7.927	1018.2	124	.	8.0	3.3	21.6	1.76	0.90	0.66	8.30	0.000	0.013	.
1423	19	5.890	32.0	35	.	.	.	.	.	.	.	.	.	.	.
1424	28	5.950	20.0	36	.	.	.	.	.	.	.	.	.	.	.
1425	18	6.030	30.0	32	.	.	.	.	.	.	.	.	.	.	.
1426	25	7.298	340.4	56	.	2.5	1.2	6.4	1.60	1.16	0.96	7.25	0.000	0.033	.
1427	7	5.070	-7.0	36	2.2	.	2.0	.	.	0.80	0.45	11.00	0.170	0.082	0.03
1428	1	4.800	-17.2	32	4.0	.	2.5	1.8	0.65	1.00	0.45	10.00	0.230	0.118	0.11
1429	.	7.010	887.0	.	.	.	.	.	.	.	.	.	.	.	.
1430	21	6.880	94.0	.	.	.	.	.	.	.	.	.	.	.	.
1431	25	7.437	384.2	56	.	3.0	3.3	7.4	1.85	0.26	0.42	5.80	0.000	0.006	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1432	BONE LAKE	4703	8419	2BF06	BRULE	44	31.2	.	81	8
1433	BONE LAKE	4648	8416	2BF03	TUPPER	44	123.1	.	85	2
1434	BORZOI LAKE	4802	8425	2BD06		47	83.4	.	.	.
1435	BOUCHARD LAKE (NL)	4848	8528	2BC01	BRYANT	47	242.2	.	78	8
1436	BOULTER LAKE (WOLF)	4605	7858	2JE03	BOULTER	43	136.5	.	85	2
1437	BOW LAKE	4713	8431	2BF05	SMILSKY	44	64.0	.	85	2
1438	BOYCE LAKE	4650	7938	2DC07	FLETT	46	270.5	7565.8	79	7
1439	BRANT LAKE	4703	8435	2BF05	PALMER	44	25.4	.	85	2
1440	BRANT LAKE	4816	8454	2BD02	LALIBERT	47	.	.	80	9
1441	BREMNER LAKE	4803	8437	2BD06	ESQUEGA	47	21.3	.	85	5
1442	BRENAN LAKE (NL)	4708	8050	2DA02	HOWEY	45	.	.	80	6
1443	BRIDGET LAKE	4754	8452	2BE01	RABAZO	47	30.3	.	85	2
1444	BRIGHT LAKE	4616	8318	2CC03	BRIGHT	41	.	.	80	7
1445	BRIGSTOCKE 69 LAKE (NL)	4715	7949	2JE15	BRIGSTOCKE	46	.	.	79	6
1446	BRILLIANT LAKE	4641	8409	2CA02	JARVIS	44	26.3	.	81	5
1447	BROKER LAKE	4608	8100	2CF03		45	81.1	.	81	7
1448	BRONSON LAKE	4610	7850	2JE05	LAUDER	43	25.9	.	85	2
1449	BROOKS LAKE	4804	8441	2BD05	CHABANEL	47	12.2	.	78	6
1450	BROTHERS LAKE	4819	8413	2BD06	RIGGS	47	.	.	80	9
1451	BROWN LAKE	4759	8549	2BC09	HOMER	47	.	.	80	6
1452	BRUCE CREEK LAKE (NL)	4634	8248	2CC06	RAIMBAULT	41	.	.	81	4
1453	BUCKSHOT LAKE	4733	8454	2BE02	BRAY	47	44.6	.	85	2
1454	BUDD LAKE	4755	8406	2BD08	QUILL	47	25.4	.	80	7
1455	BUDDY LAKE	4730	8414	2BE06	CORBOY	47	105.4	.	85	2
1456	BUDWORM LAKE	4751	8413	2BD05	QUILL	47	.	.	81	6

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1432	12	6.300	24.0	27.0	.	.	.	.	.	.	.	.	.	.	.
1433	8	6.597	66.0	24.0	.	17.5	3.5	2.7	0.60	0.56	0.38	4.55	.	0.019	.
1434	.	7.390	204.0	18.0	.	.	.	6.0	1.49	.	.	.	0.130	0.007	.
1435	.	8.360	1480.0	.	.	.	.	.	.	.	.	.	.	.	.
1436	26	6.527	93.2	36.0	.	.	7.7	3.6	1.10	0.90	0.60	7.50	0.075	0.033	.
1437	7	6.347	50.4	24.0	.	21.0	3.5	2.6	0.54	0.70	0.38	4.81	0.140	0.021	.
1438	24	7.000	212.0	60.0	.	.	.	.	.	.	.	.	.	.	.
1439	7	5.990	17.4	20.0	.	37.5	4.9	2.7	0.32	0.46	0.22	4.42	0.200	0.037	.
1440	4	7.200	514.0	166.0	.	.	.	.	.	.	.	.	.	.	.
1441	16	7.766	1221.4	161.0	.	2.0	1.1	26.0	2.75	1.70	1.52	11.10	0.000	0.003	.
1442	14	5.690	4.0	54.0	.	.	.	.	.	.	.	.	.	.	.
1443	10	7.842	981.8	250.0	.	29.5	7.0	24.6	1.88	21.50	0.78	9.22	0.021	0.024	.
1444	24	7.250	316.0	71.0	.	.	.	.	.	.	.	.	.	.	.
1445	25	7.000	200.0	59.0	.	.	.	.	.	.	.	.	.	.	.
1446	21	5.420	2.0	25.0	.	.	.	.	.	.	.	.	.	.	.
1447	16	5.050	-6.8	38.0	10.8	.	2.5	2.4	1.00	1.30	0.40	11.00	0.140	0.102	0.08
1448	26	6.493	66.2	29.0	.	.	3.7	2.8	0.75	0.70	0.56	6.80	0.018	0.012	.
1449	.	7.920	1290.0	.	.	.	.	.	.	.	.	.	.	.	.
1450	5	8.100	1732.0	205.0	.	.	.	.	.	.	.	.	.	.	.
1451	21	7.280	358.0	81.0	.	.	.	.	.	.	.	.	.	.	.
1452	3	6.120	54.0	.	.	.	.	.	.	.	.	.	.	.	.
1453	10	6.971	148.6	37.0	.	26.5	4.0	4.6	0.84	0.76	0.44	5.49	0.096	0.012	.
1454	14	6.510	164.0	64.0	.	.	.	.	.	.	.	.	.	.	.
1455	9	6.334	42.8	23.0	.	34.5	5.5	3.3	0.66	0.56	0.28	4.78	0.096	0.009	.
1456	19	5.940	36.0	35.0	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1457	BULL LAKE	4706	8036	2DC09		45	109.9	.	80	1
1458	BULLDOZER LAKE	4857	8527	2BC01	MCGILL	47	116.4	.	85	2
1459	BURNFIELD LAKE	4821	8502	2BD02	DAHL	47	113.6	.	78	8
1460	BURNS LAKE	4636	8307	2CC05	VARLEY	41	166.4	.	79	8
1461	BURNT LAKE	4656	8304	2CB01	ROYAL	41	59.2	.	81	8
1462	BUSCH LAKE	4707	8355	2BF03	GAPP	44	39.7	.	81	5
1463	BUTLER LAKE	4631	7907	2JE08	BUTLER	43	22.7	.	85	2
1464	BUTLER LAKE	4826	8354	2BD06	RENNIE	47	44.0	.	85	2
1465	CAHILL LAKE	4622	7904	2JE02	OLRIG	43	88.5	.	85	2
1466	CALLAHAN LAKE	4732	8431	2BE05	BULLOCK	47	57.0	.	81	6
1467	CAMERON LAKE	4629	7952	2DC04	GRANT	43	24.1	.	85	2
1468	CAMP LAKE	4629	8242	2CD02	BOUCK	41	.	.	81	3
1469	CAMP TEN LAKE (NL)	4631	8131	2CF10	TRILL	45	.	.	81	8
1470	CAMP 12 LAKE (NL)	4655	8330	2CA02	REILLY	44	10.9	.	80	6
1471	CAPREOL LAKE	4642	8051	2DA01		45	173.7	.	81	8
1472	CARIBOU LAKE	4622	8350	2CA05	PLUMMER	44	213.8	.	78	8
1473	CARLYLE BAY (NL)	4604	8117	2CF03	CARLYLE	45	20.0	375	82	10
1474	CARLYLE LAKE	4604	8117	2CF03	CARLYLE	45	137.0	1087	82	10
1475	CARPENTER LAKE	4711	8417	2BF05	TRONSEN	44	38.9	.	81	8
1476	CARPENTER LAKE	4711	8418	2BF05	TRONSEN	44	.	.	85	2
1477	CATFISH LAKE	4806	8448	2BD05	BAILLOQUET	47	156.7	.	78	5
1478	CAWDRON LAKE	4814	8420	2BD06	BIRD	47	521.1	.	80	7
1479	CAYSEE LAKE	4711	8440	2BF10	SLATER	44	21.1	.	80	6
1480	CEDAR LAKE	4744	8551	2BC12	MICHIPICOTEN IS	47	112.9	.	80	7
1481	CEDAR LAKE (SMITH)	4702	8435	2BF05	PALMER	44	7.3	.	85	2

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1457	14	5.430	-0.4	45.0	6.5	.	.	4.2	0.85	0.80	0.70	15.50	0.049	0.083	0.07
1458	18	7.506	1596.8	165.0	.	23.5	7.8	25.1	5.90	0.60	0.34	4.17	0.000	0.009	.
1459	.	8.010	1130.0	.	.	.	.	.	.	.	.	.	.	.	.
1460	20	5.750	0.0	26.0	.	.	.	.	.	.	.	.	.	.	.
1461	19	7.700	162.0	43.0	.	.	.	.	.	.	.	.	.	.	.
1462	21	7.470	118.0	45.0	.	.	.	.	.	.	.	.	.	.	.
1463	27	6.646	106.0	39.0	.	54.0	8.3	3.9	0.85	0.60	1.64	8.15	0.080	0.026	.
1464	16	6.881	745.4	95.0	.	44.0	7.9	14.8	2.60	0.86	0.46	6.43	0.046	0.047	.
1465	27	6.311	28.6	27.0	.	17.5	3.7	2.6	0.65	0.50	0.46	7.00	0.050	0.044	.
1466	19	6.100	46.0	36.0	.	.	.	.	.	.	.	.	.	.	.
1467	26	6.816	111.8	41.0	.	.	3.9	3.9	1.30	0.76	0.52	7.60	0.015	0.006	.
1468	18	6.550	64.0	39.0	.	.	.	.	.	.	.	.	.	.	.
1469	18	6.730	308.0	65.0	.	.	.	.	.	.	.	.	.	.	.
1470	17	7.010	280.0	44.0	.	.	.	.	.	.	.	.	.	.	.
1471	10	6.180	58.6	48.0	10.3	.	2.3	4.2	1.05	1.00	0.40	13.00	0.038	0.122	0.29
1472	.	6.980	159.0	.	.	.	.	.	.	.	.	.	.	.	.
1473	13	5.482	-0.2	33.0	12.3	.	.	2.2	0.78	0.75	0.40	9.80	0.099	.	.
1474	13	5.725	2.0	33.0	3.3	.	.	2.2	0.80	0.80	0.42	10.10	0.045	.	.
1475	12	5.650	2.0	26.0	.	.	.	.	.	.	.	.	.	.	.
1476	8	3.975	-100.0	19.4	.	20.0	3.9	2.1	0.44	0.56	0.26	4.62	0.180	0.040	.
1477	.	6.920	318.0	.	.	.	.	.	.	.	.	.	.	.	.
1478	23	7.160	438.0	83.0	.	.	.	.	.	.	.	.	.	.	.
1479	25	6.150	28.0	28.0	.	.	.	.	.	.	.	.	.	.	.
1480	4	7.100	254.0	48.0	.	.	.	.	.	.	.	.	.	.	.
1481	7	6.755	126.8	34.0	.	21.5	3.0	4.2	0.58	0.80	0.28	4.88	0.110	0.024	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1482	CENTRE LAKE	4703	8045	2DA04		45	121.6	.	80	1
1483	CHAILLON LAKE	4742	8456	2BE02	ALLOUEZ	47	63.3	.	81	7
1484	CHAILLON LAKE	4742	8456	2BE02	ALLOUEZ	47	.	.	85	2
1485	CHALMERS LAKE	4700	8355	2BF03	LUNKIE	44	33.7	.	81	5
1486	CHANNEL LAKE	4744	8547	2BC12	MICHIPICOTEN IS	47	140.3	.	80	6
1487	CHANT PLAIN LAKE	4619	7846	2JE02	MATTAWA	43	256.0	.	82	5
1488	CHARTRAND LAKE (NL)	4810	8420	2BD06	DEBASSIGE	47	.	.	80	9
1489	CHEBOGOMOG LAKE	4630	7953	2D	FIELD	43	.	.	82	5
1490	CHIBLOW LAKE	4621	8303	2CD08		41	2089.4	.	81	6
1491	CHINIGUCHI LAKE	4657	8042	2DC02		45	1296.7	.	81	7
1492	CHRISTMAN LAKE	4635	8244	2CC06	RAIMBAULT	41	57.9	.	78	8
1493	CHUB LAKE	4631	8323	2CC08	GOULD	41	.	.	80	8
1494	CHURCH LAKE	4803	8406	2BD08	LAFORME	47	.	.	80	9
1495	CLEAR LAKE (NL)	4613	8225	2CD03	SHEDDEN	42	47.8	.	80	8
1496	CLEARSILVER LAKE	4606	8115	2CF03	CARLYLE	45	23.9	.	78	5
1497	CLEARWATER LAKE	4622	8103	2CF05		45	76.8	.	81	8
1498	CLEARWATER LAKE	4702	8018	2DC08		46	118.7	.	81	7
1499	CLEARWATER LAKE	4841	8541	2BC01	LABERGE	47	34.8	.	85	2
1500	CLOVE LAKE	4715	8330	2CB02	CARTON	44	31.6	.	81	5
1501	COBRE LAKE	4638	8248	2CC05	SAGARD	41	84.8	.	80	8
1502	COFFEE LAKE	4625	8256	2CD08	TIMMERMANS	41	334.1	.	81	2
1503	COLETTE LAKE	4744	8449	2BE01	TIERNAN	47	9.7	.	81	6
1504	COLIN SCOTT LAKE	4650	8030	2DC02		45	43.9	.	.	.
1505	COMMANDA LAKE	4601	7943	2DD06	PATTERSON	43	549.3	.	78	7
1506	COMMANDER LAKE	4625	8257	2CD08	JUILLETTE	41	.	.	81	2

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1482	9	5.620	15.8	43.0	14.0	.	.	3.8	0.90	0.90	0.45	14.00	0.066	0.089	0.10
1483	7	6.690	174.0	68.0	.	.	.	.	.	.	.	.	.	.	.
1484	10	7.128	215.0	48.0	.	27.5	4.5	6.2	0.84	1.30	0.42	6.56	0.100	0.008	.
1485	21	6.660	18.0	30.0	.	.	.	.	.	.	.	.	.	.	.
1486	21	7.030	258.0	55.0	.	.	.	.	.	.	.	.	.	.	.
1487	19	6.920	135.2	47.0	31.4	.	.	3.9	1.24	.	.	8.20	.	.	.
1488	6	6.640	82.0	46.0	.	.	.	.	.	.	.	.	.	.	.
1489	21	6.720	86.0	36.6	22.5	.	.	3.3	1.00	.	.	7.20	.	.	.
1490	30	6.890	74.4	36.0	0.0	.	3.4	2.6	0.70	0.90	0.35	8.00	0.010	0.008	0.09
1491	7	4.630	-25.4	47.0	0.0	.	0.7	3.4	1.10	0.80	0.50	14.00	0.290	0.212	0.03
1492	.	6.080	66.8	.	.	.	.	.	.	.	.	.	.	.	.
1493	26	7.050	84.0	42.0	.	.	.	.	.	.	.	.	.	.	.
1494	5	6.410	62.0	36.0	.	.	.	.	.	.	.	.	.	.	.
1495	28	6.140	-2.0	30.0	.	.	.	.	.	.	.	.	.	.	.
1496	.	4.530	-16.8	.	.	.	.	.	.	.	.	.	.	.	.
1497	4	4.520	-37.2	76.0	2.7	.	0.4	6.0	1.50	2.00	0.55	20.00	0.200	0.286	0.04
1498	1	6.740	42.6	46.0	6.8	.	2.4	4.2	1.15	0.80	0.30	13.50	0.030	0.014	0.08
1499	17	7.940	1757.0	174.0	.	3.0	4.0	27.5	5.45	0.76	0.38	3.08	0.000	0.002	.
1500	21	7.300	50.0	.	.	.	.	.	.	.	.	.	.	.	.
1501	20	7.950	552.0	91.0	.	.	.	.	.	.	.	.	.	.	.
1502	26	6.820	4.0	39.0	.	.	.	.	.	.	.	.	.	.	.
1503	5	6.450	108.0	56.0	.	.	.	.	.	.	.	.	.	.	.
1504	.	4.800	-14.6	43.0	.	.	.	.	.	.	.	.	.	.	.
1505	.	6.630	88.2	.	.	.	.	.	.	.	.	.	.	.	.
1506	26	6.610	44.0	36.0	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1507	COMOX LAKE	4703	8232	2CB01	COMOX	42	229.7	.	80	8
1508	CONSTANCE LAKE	4626	8314	2CC05	PARKINSON	41	113.4	.	81	2
1509	CONVEY LAKE	4728	8402	2BE11	HALLETT	47	.	.	81	6
1510	CORMIER LAKE	4631	8229	2CD02	BUCKLES	41	137.8	.	81	8
1511	COTTON LAKE	4821	8503	2BD02	DAHL	47	35.0	.	78	8
1512	CRAB LAKE (NL)	4603	8103	2CF01	KILPATRICK	45	.	.	80	5
1513	CRAIG LAKE	4838	8414	4JA02	SIMPSON	47	234.7	.	80	7
1514	CRAYFISH LAKE	4816	8505	2BD02	KILLINS	47	184.5	.	85	2
1515	CREAM LAKE	4625	8254	2CD08	TIMMERMANS	41	.	.	81	2
1516	CREEK LAKE (NL)	4717	8434	2BE05	PEEVER	47	.	.	81	4
1517	CRESCENT LAKE	4717	8433	2BE05	PEEVER	47	.	.	81	6
1518	CROCKER'S LAKE	4837	8522	2BC01	CECILE	47	.	.	81	6
1519	CROGAN LAKE	4631	7900	2JE01	BUTLER	43	30.9	.	85	2
1520	CROOKED LAKES (CROOKED)	4640	8407	2CA02	JARVIS	44	.	.	81	7
1521	CROUCH LAKE	4828	8421	2BD05	ST. JULIEN	47	198.0	.	78	7
1522	CROZIER LAKE	4754	8450	2BE01	RABAZO	47	13.4	.	78	7
1523	CRUISE LAKE	4814	8455	2BD05	LALIBERT	47	48.6	.	85	2
1524	CRYSTAL LAKE (NL)	4802	8438	2BD06	ESQUEGA	47	21.3	.	80	8
1525	CUPA LAKE	4856	8514	2BC11	MAGONE	47	102.0	.	78	8
1526	CURLY LAKE (ROUND BEAR)	4606	7856	2JE03	BOULTER	43	76.7	.	85	2
1527	CURRY LA[illegible]	4757	8403	2BD08	NADJIWON	47	.	.	85	2
1528	CUT LAKE	4646	7916	2JE01	MCAUSLAN	43	70.5	.	85	2
1529	DAD LAKE	4734	8449	2BE03	BRIMACOMBE	47	0.9	.	81	6
1530	DAVE LAKE	4747	8411	2BD08	SAUNDERS	47	.	.	81	6
1531	DAVID LAKE	4608	8118	2CF03	STALIN	45	402.0	1931	81	7

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1507	1	6.210	34.0	31	.	.	.	.	.	.	.	.	.	.	.
1508	19	6.800	148.0	61	.	.	.	.	.	.	.	.	.	.	.
1509	11	5.940	58.0	37	.	.	.	.	.	.	.	.	.	.	.
1510	5	6.800	78.0	36	.	.	.	.	.	.	.	.	.	.	.
1511	.	7.600	1780.0	.	.	.	.	.	.	.	.	.	.	.	.
1512	31	5.650	16.0	31	.	.	.	.	.	.	.	.	.	.	.
1513	18	7.540	806.0	114	.	.	.	.	.	.	.	.	.	.	.
1514	11	7.172	284.0	58	.	37.5	7.8	7.2	1.46	1.76	0.34	6.17	0.029	0.009	.
1515	26	5.390	-74.0	29	.	.	.	.	.	.	.	.	.	.	.
1516	28	6.800	206.0	116	.	.	.	.	.	.	.	.	.	.	.
1517	15	5.900	58.0	38	.	.	.	.	.	.	.	.	.	.	.
1518	3	7.990	1584.0	111	.	.	.	.	.	.	.	.	.	.	.
1519	27	6.411	37.2	33	.	6.5	3.1	3.1	0.85	0.50	0.66	9.95	0.041	0.047	.
1520	28	5.820	10.0	.	.	.	.	.	.	.	.	.	.	.	.
1521	.	7.450	298.0	.	.	.	.	.	.	.	.	.	.	.	.
1522	.	7.640	931.0	.	.	.	.	.	.	.	.	.	.	.	.
1523	11	7.004	287.0	51	.	56.0	9.8	7.6	1.04	0.46	0.52	8.10	0.080	0.012	.
1524	3	8.720	988.0	116	.	.	.	.	.	.	.	.	.	.	.
1525	.	8.190	1240.0	.	.	.	.	.	.	.	.	.	.	.	.
1526	26	6.604	82.0	33	.	.	7.0	3.4	1.00	0.80	0.50	6.85	0.057	0.016	.
1527	15	7.003	557.2	73	.	28.0	4.1	10.2	1.90	0.96	0.50	5.41	0.028	0.008	.
1528	25	7.909	1206.8	140	.	2.5	0.9	20.1	4.40	1.26	1.70	10.30	0.000	0.000	.
1529	5	6.220	76.0	11	.	.	.	.	.	.	.	.	.	.	.
1530	19	6.710	172.0	52	.	.	.	.	.	.	.	.	.	.	.
1531	13	4.710	-20.6	31	8.1	.	0.7	2.2	0.55	0.70	0.30	9.50	0.170	0.182	0.06

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH	DAY
1532	DAVID LAKE	4847	8513	2BC11	ODLUM	47	103.2	.	85	2	18
1533	DAVIS LAKE	4853	8511	2BC11	HAMBLETON	47	53.3	.	78	8	.
1534	DAVIS LAKE (DAVIES)	4819	8442	2BD05	DUMAS	47	125.6	.	85	2	14
1535	DAYOHESSARAH LAKE	4847	8502	2BC11	ODLUM	47	1113.6	.	80	7	10
1536	DEAD LAKE	4707	8336	2CB02	HOFFMAN	44	23.9	.	80	6	21
1537	DEAD LAKE	4838	8523	2BC01	CECILE	47	9.4	.	80	7	21
1538	DEAD OTTER LAKE	4739	8448	2BE03	ASSELIN	47	.	.	81	6	15
1539	DEE'S LAKE (NL)	4721	8031	2JD03	MCGIFFIN	46	82.3	.	79	8	6
1540	DEEP LAKE	4758	8443	2BD06	MCMURRAY	47	13.8	.	85	2	9
1541	DEER LAKE	4628	8013	2DD12		43	277.9	.	81	6	23
1542	DEER LAKE	4842	8539	2BC01	LABERGE	47	24.5	.	85	2	17
1543	DEIL LAKE	4647	8357	2BF03	WHITMAN	44	199.3	.	80	6	16
1544	DENNIE LAKE	4655	8154	2CE08	DENNIE	42	79.5	.	80	8	20
1545	DENVIC LAKE	4614	8218	2CD03	VICTORIA	42	87.9	.	78	7	.
1546	DEPOT LAKE	4620	8235	2CD02	ESTEN	41	184.0	.	79	5	.
1547	DESBARATS LAKE	4623	8356	2CA05	JOHNSON	44	357.2	.	81	6	26
1548	DIAMOND LAKE	4625	8355	2CA04	JOHNSON	44	152.3	.	78	7	.
1549	DIAMOND LAKE	4712	8015	2JD02		46	926.0	.	81	7	1
1550	DICEY LAKE (NL)	4756	8446	2BD06	MCMURRAY	47	1.3	.	80	8	4
1551	DICK LAKE	4706	8422	2BF05	OLSEN	44	99.6	.	85	2	8
1552	DOC GREIG LAKE	4729	8449	2BE03	BRIMACOMBE	47	13.6	.	85	2	10
1553	DODDS LAKE	4753	8448	2BE01	RABAZO	47	21.9	.	85	2	10
1554	DOG LAKE	4817	8408	2BD06	RIGGS	47	5184.0	.	80	8	25
1555	DOG LAKE	4817	8408	2BD06	RIGGS,WEST,BRU	47	.	.	85	2	16
1556	DONALD LAKE	4648	8031	2DC02		45	498.2	.	81	6	16

OBS	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1532	7.304	1152.8	126.0	.	57.0	11.8	19.3	4.55	0.66	0.40	3.48	0.021	0.009	.
1533	8.210	871.0	.	.	.	.	.	.	.	.	.	.	.	.
1534	7.037	551.4	82.0	.	74.0	10.7	12.0	2.20	1.16	.	7.21	0.059	0.016	.
1535	7.410	1078.0	106.0	.	.	.	.	.	.	.	.	.	.	.
1536	7.170	166.0	43.0	.	.	.	.	.	.	.	.	.	.	.
1537	8.310	2340.0	227.0	.	.	.	.	.	.	.	.	.	.	.
1538	6.760	226.0	88.0	.	.	.	.	.	.	.	.	.	.	.
1539	5.150	0.0	44.0	.	.	.	.	.	.	.	.	.	.	.
1540	7.530	607.2	90.0	.	16.0	4.7	12.0	3.14	0.50	0.78	10.50	0.018	0.006	.
1541	7.210	314.8	62.0	53.5	.	7.2	6.0	2.25	1.30	0.60	10.00	0.074	0.052	0.20
1542	7.884	1471.4	165.0	.	33.0	8.4	24.8	5.25	2.56	0.38	4.27	0.006	0.008	.
1543	6.910	96.0	38.0	.	.	.	.	.	.	.	.	.	.	.
1544	6.500	32.0	37.0	.	.	.	.	.	.	.	.	.	.	.
1545	6.720	63.2	.	.	.	.	.	.	.	.	.	.	.	.
1546	6.900	108.0	126.0	.	.	.	.	.	.	.	.	.	.	.
1547	6.770	50.0	69.0	.	.	.	.	.	.	.	.	.	.	.
1548	6.700	116.0	.	.	.	.	.	.	.	.	.	.	.	.
1549	6.260	25.6	36.0	7.6	.	4.4	2.8	0.95	1.00	0.40	11.00	0.035	0.034	0.13
1550	8.250	1116.0	111.0	.	.	.	.	.	.	.	.	.	.	.
1551	6.893	167.4	36.0	.	26.0	4.7	5.3	0.52	0.56	0.24	4.49	0.049	0.010	.
1552	5.590	-100.0	27.0	.	5.5	2.5	2.4	0.52	0.66	0.34	7.42	0.086	0.027	.
1553	7.634	841.6	105.0	.	11.5	4.0	17.8	2.00	0.80	0.56	8.26	0.000	0.014	.
1554	7.520	574.0	85.0	.	.	.	.	.	.	.	.	.	.	.
1555	7.452	650.0	87.0	.	26.5	6.0	12.8	2.75	0.80	0.56	8.07	0.009	0.005	.
1556	4.690	-23.4	48.0	0.4	.	0.8	3.8	0.80	0.60	0.30	16.50	0.240	0.258	0.03

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH	DAY
1557	DORE LAKE	4800	8456	2BD04	BOSTWICK	47	145.8	.	80	8	25
1558	DOSS LAKE	4826	8521	2BC01	UNSURVEYED	47	118.3	.	85	2	17
1559	DOSSIER LAKE	4745	8443	2BE01	REDSKY	47	67.1	.	81	7	7
1560	DOUGHERTY LAKE	4701	8040	2DC01		45	412.3	.	81	7	7
1561	DOWNES LAKE	4645	8135	2CE02	MONCRIEFF	45	45.9	.	80	7	26
1562	DRAGLINE LAKE (NL)	4838	8524	2BC01	CECILE	47	2.8	.	80	7	21
1563	DRY PINE BAY	4603	8033	2DD01	MURDOCK	45	453.3	.	82	5	14
1564	DUBBELEWE LAKE	4650	8239	2CC05	YAREMKJ	41	85.1	.	80	6	19
1565	DUBORNE LAKE (NL)	4615	8255	2CD08	STRIKER	41	.	.	81	9	4
1566	DUCHARME LAKE	4626	7853	2JE01	MATTAWAN	43	17.7	.	85	2	27
1567	DUNLOP LAKE	4629	8242	2CD02	BEANGE	41	1099.0	.	79	9	.
1568	DYMOND LAKE	4643	7918	2JE12	MCAUSLAN	43	137.3	.	85	2	25
1569	EAGLET LAKE	4809	8518	2BD02	LEGARDE	47	121.6	.	80	8	27
1570	EAR LAKE	4748	8441	2BD07	REDSKY	47	60.5	.	81	7	7
1571	EAR LAKE	4749	8441	2BD07	REDSKY	47	60.5	.	85	2	10
1572	EARL LAKE	4618	7845	2JE02	PAPINEAU	43	59.1	.	82	5	18
1573	EASEY LAKE	4824	8403	2BD06	HEATH	47	682.1	.	85	2	16
1574	EAST BULL LAKE	4626	8211	2CE09		42	.	.	81	8	12
1575	ECHO LAKE	4634	8359	2CA03	KEHOE	44	1150.2	.	81	6	26
1576	ELEVEN MILE LAKE	4730	8422	2BE06	CORBOY	47	.	.	81	6	11
1577	ELISSA LAKE	4724	8033	2JD03	GAMBLE	46	24.1	.	81	8	5
1578	ELIZABETH LAKE	4615	8138	2CE02		42	122.2	.	81	7	16
1579	ELIZABETH LAKE	4637	8409	2CA02	DUNCAN	44	40.8	.	80	6	24
1580	ELLEN LAKE	4808	8524	2BD02	UNORGANIZED	47	63.3	.	80	8	27
1581	ELLIOT LAKE	4623	8242	2CD07	ELLIOT LAKE	41	615.6	.	81	10	7

OBS	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1557	6.780	246.0	57.0	.	.	.	.	.	.	.	.	.	.	.
1558	7.200	395.0	58.0	.	54.0	8.0	8.3	1.90	0.86	0.36	5.31	0.135	0.013	.
1559	6.580	188.0	60.0	.	.	.	.	.	.	.	.	.	.	.
1560	4.500	-33.8	48.0	-0.9	.	0.5	3.6	0.90	0.60	0.45	14.50	0.310	0.272	0.03
1561	6.640	134.0	64.0	.	.	.	.	.	.	.	.	.	.	.
1562	7.820	2794.0	479.0	.	.	.	.	.	.	.	.	.	.	.
1563	6.984	320.6	73.2	34.1	.	.	6.4	2.25	.	.	10.60	.	.	.
1564	6.650	56.0	23.0	.	.	.	.	.	.	.	.	.	.	.
1565	6.650	96.0	42.0	.	.	.	.	.	.	.	.	.	.	.
1566	6.671	147.2	40.0	.	24.0	5.3	4.4	1.00	0.66	0.72	7.70	0.058	0.025	.
1567	6.880	88.6	32.0	.	.	.	.	.	.	.	.	.	.	.
1568	6.506	60.2	31.0	.	39.5	4.6	3.2	0.85	0.66	0.52	7.45	0.033	0.021	.
1569	6.580	136.0	30.0	.	.	.	.	.	.	.	.	.	.	.
1570	6.120	46.0	38.0	.	.	.	.	.	.	.	.	.	.	.
1571	6.503	52.8	96.0	.	18.5	4.4	3.2	0.64	0.66	0.36	6.01	0.091	0.024	.
1572	6.797	207.6	62.0	56.1	.	.	4.2	1.85	.	.	6.90	.	.	.
1573	7.250	527.2	76.0	.	50.0	8.6	10.8	2.35	0.76	0.54	7.10	0.036	0.010	.
1574	6.650	73.0	32.0	2.2	.	2.5	3.2	0.70	1.00	0.30	5.50	0.005	0.010	0.03
1575	6.920	74.0	78.0	.	.	.	.	.	.	.	.	.	.	.
1576	6.010	46.0	40.0	.	.	.	.	.	.	.	.	.	.	.
1577	7.000	222.0	57.0	.	.	.	.	.	.	.	.	.	.	.
1578	6.980	366.4	72.0	22.0	.	6.3	8.0	1.70	1.50	0.60	10.50	0.020	0.030	0.16
1579	6.650	64.0	31.0	.	.	.	.	.	.	.	.	.	.	.
1580	6.600	128.0	37.0	.	.	.	.	.	.	.	.	.	.	.
1581	6.690	120.0	106.0	5.8	.	2.1	7.2	1.45	7.90	0.65	22.50	0.022	.	0.05

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1582	EMERALD LAKE	4618	8252	2CD06	HACK	41	436.2	.	81	3
1583	EMERALD LAKE	4654	8019	2DC01		43	567.0	.	81	6
1584	EMERALD LAKE	4648	7918	2JE01	MCAUSLAN	43	86.7	.	85	2
1585	EMERALD LAKE	4811	8442	2BD06	ESQUEGA	47	14.9	.	85	2
1586	ESNAGI LAKE	4836	8433	2BD05	CUDNEY	47	4362.3	.	80	7
1587	ESTEN LAKE	4622	8240	2CD07	ESTEN	41	417.2	.	79	5
1588	EVANS LAKE	4649	8420	2BF11	TUPPER	44	29.3	.	85	2
1589	EVELYN LAKE	4654	8035	2DC02	MCCONNELL	45	110.7	.	79	8
1590	FAIRBANK LAKE	4628	8126	2CF09		45	703.1	.	81	6
1591	FALL LAKE	4649	7931	2JE07	FLETT	46	108.7	.	79	7
1592	FEARLESS LAKE	4837	8543	2BC03	UNORGANIZED	47	116.2	.	80	8
1593	FENTON LAKE	4751	8453	2BE01	DULHUT	47	.	.	80	7
1594	FERN LAKE	4644	8352	2CA02	WHITMAN	44	90.5	.	80	6
1595	FIDO LAKE	4847	8518	2BC11	JOHNS	47	76.0	.	85	2
1596	FIFE LAKE	4738	8454	2BE02	ALARIE	47	34.5	.	85	2
1597	FINLAYSON LAKE	4642	7948	2DC07	MCLAREN	43	24.0	.	85	2
1598	FINNLANDER LAKE (NL)	4639	8417	2CA01	AWERES	44	.	.	81	5
1599	FLACK LAKE	4635	8247	2CC06		41	934.7	.	81	6
1600	FLAGG LAKE	4748	8418	2BE05	SAMPSON	47	92.7	.	81	8
1601	FLAGG LAKE	4748	8418	2BE05	SAMPSON	47	.	.	85	2
1602	FLYING GOOSE LAKE	4624	8233	2CD02	JOUBIN	41	44.9	.	80	7
1603	FORESTRY LAKE	4614	8228	2CD02	LEWIS	41	.	.	79	6
1604	FORGE LAKE	4811	8428	2BD06	COWIE	47	22.9	.	80	8
1605	FORGE LAKE	4811	8428	2BD06	COWIE	47	.	.	85	2
1606	FORLISE LAKE	4652	7935	2DC07	FLETT	46	56.9	1050.5	79	7

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1582	4	5.500	-62.0	29.0	.	.	.	.	.	.	.	.	.	.	.
1583	16	7.180	127.2	66.0	0.0	.	2.4	6.8	1.55	1.00	0.40	19.00	0.004	0.010	0.06
1584	25	8.298	2648.0	258.0	.	1.5	1.4	39.7	9.65	0.90	2.10	7.05	0.000	0.000	.
1585	14	7.317	1305.2	159.0	.	9.0	2.5	28.8	1.95	0.66	.	12.65	0.087	0.026	.
1586	10	7.680	812.0	106.0	.	.	.	.	.	.	.	.	.	.	.
1587	.	6.990	108.0	207.0	.	.	.	.	.	.	.	.	.	.	.
1588	8	6.879	156.4	35.0	.	21.5	4.3	4.2	0.98	0.76	0.46	5.54	0.035	0.014	.
1589	28	5.700	6.0	88.0	.	.	.	.	.	.	.	.	.	.	.
1590	25	7.470	228.8	60.0	0.0	.	2.4	7.0	1.65	3.70	0.60	14.50	0.002	0.006	0.01
1591	21	5.100	4.0	29.0	.	.	.	.	.	.	.	.	.	.	.
1592	5	7.920	1166.0	103.0	.	.	.	.	.	.	.	.	.	.	.
1593	20	6.830	362.0	80.0	.	.	.	.	.	.	.	.	.	.	.
1594	17	7.020	108.0	40.0	.	.	.	.	.	.	.	.	.	.	.
1595	18	7.542	1648.8	171.0	.	40.0	8.5	26.4	5.80	0.76	0.48	4.48	0.007	0.007	.
1596	10	6.892	126.8	32.0	.	17.0	3.8	4.2	0.60	0.56	0.36	5.51	0.043	0.006	.
1597	26	6.203	38.2	31.0	.	.	6.7	3.2	0.85	0.50	0.48	8.10	0.106	0.078	.
1598	21	6.000	6.0	.	.	.	.	.	.	.	.	.	.	.	.
1599	30	7.020	92.0	42.0	0.0	.	2.8	3.2	0.75	0.90	0.30	8.50	0.010	0.004	0.01
1600	19	5.800	64.0	36.0	.	.	.	.	.	.	.	.	.	.	.
1601	15	6.261	61.2	27.0	.	37.0	6.4	3.1	0.65	0.70	0.52	5.62	0.085	0.014	.
1602	31	7.300	108.0	39.0	.	.	.	.	.	.	.	.	.	.	.
1603	22	6.600	24.0	.	.	.	.	.	.	.	.	.	.	.	.
1604	27	7.320	550.0	58.0	.	.	.	.	.	.	.	.	.	.	.
1605	16	7.318	663.0	105.0	.	36.0	7.0	17.9	1.25	0.60	0.56	13.80	0.002	0.009	.
1606	18	6.900	162.0	54.0	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1607	FOSTER LAKE	4823	8535	2BC10	UNSURVEYED	47	35.3	.	85	2
1608	FRALECK LAKE	4655	8053	2DA03		45	174.0	.	81	7
1609	FRANK LAKE	4611	8117	2CF03	GOSCHEN	45	8.0	64.0	82	10
1610	FRATER LAKE	4720	8433	2BE05	LABONTE	47	32.1	.	81	6
1611	FRAWLEY LAKE	4645	7949	2DC07	SISK	43	24.7	305.6	80	7
1612	FREDERICK LAKE	4702	8044	2DC01		45	339.8	.	81	7
1613	FRENCHMAN LAKE	4643	8059	2CF07	WISNER	45	41.9	248.9	82	5
1614	FRIDAY LAKE	4713	7939	2JE15	BEST	46	246.1	2351.9	79	5
1615	FROST LAKE	4752	8431	2BD07	NEBONAIONQUET	47	23.3	.	85	2
1616	FULCHER LAKE	4744	8408	2BD08	WASNA	47	164.2	.	81	7
1617	FUNGUS LAKE	4819	8458	2BD02	DAHL	47	308.4	.	81	6
1618	FURNIVAL LAKE	4813	8456	2BD05	LALIBERT	47	58.5	.	85	2
1619	GAMITAGAMA LAKE	4739	8446	2BE03	TIERNAN	47	195.4	.	81	6
1620	GAMITAGAMA LAKE	4739	8446	2BE03	TIERNAN&ASSELI	47	.	.	85	2
1621	GANDER LAKE	4628	8237	2CD02	BOUCK	41	24.3	.	78	7
1622	GARBE LAKE	4813	8430	2BD06	AGUONIE	47	67.6	.	85	2
1623	GARDEN LAKE	4646	8342	2CA02	HURLBERT	44	153.5	.	81	6
1624	GARGANTUA LAKE	4737	8454	2BE02	ALARIE	47	52.7	.	85	2
1625	GAUVEREAU LAKE	4622	7900	2JE08	OLRIG	43	39.3	.	85	2
1626	GAVOR LAKE	4706	8401	2BF06	DESBIENS	44	120.4	.	85	2
1627	GENEVA LAKE	4646	8133	2CE02		45	356.4	.	81	6
1628	GEORGE LAKE	4602	8124	2CF03		45	148.0	.	81	7
1629	GIBSON LAKE	4820	8520	2BC08	UNORGANIZED	47	147.9	.	80	7
1630	GOETZ LAKE	4807	8439	2BD05		47	71.2	.	.	.
1631	GOETZ LAKE	4807	8439	2BD05	CORBIERE	47	.	.	85	2

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1607	17	7.743	1577.6	160.0	.	3.5	1.9	26.1	4.20	0.76	0.44	4.09	0.005	0.005	.
1608	21	5.760	9.2	35.0	10.3	.	2.8	2.8	0.85	0.50	0.40	11.50	0.150	0.056	0.050
1609	14	6.363	73.0	33.0	24.1	.	.	2.4	1.04	0.85	0.44	8.00	0.036	.	.
1610	16	5.900	50.0	33.0	.	.	.	.	.	.	.	.	.	.	.
1611	6	7.550	848.0	112.0	.	.	.	.	.	.	.	.	.	.	.
1612	7	4.620	-25.6	46.0	1.8	.	0.8	3.4	3.95	0.70	0.50	14.50	0.260	0.220	0.030
1613	18	5.591	5.4	40.5	7.4	.	.	4.0	0.78	.	.	14.00	.	.	.
1614	.	6.890	178.0	51.0	.	.	.	.	.	.	.	.	.	.	.
1615	10	7.033	145.0	37.0	.	88.5	9.5	4.4	1.06	0.90	0.52	4.95	0.160	0.059	.
1616	17	6.230	108.0	37.0	.	.	.	.	.	.	.	.	.	.	.
1617	3	6.940	366.0	62.0	.	.	.	.	.	.	.	.	.	.	.
1618	11	7.181	319.2	57.0	.	36.5	7.9	8.9	1.06	0.46	0.46	7.77	0.037	0.008	.
1619	15	5.980	32.0	32.0	.	.	.	.	.	.	.	.	.	.	.
1620	10	6.495	43.4	21.5	.	8.5	2.6	2.6	0.38	0.46	0.28	4.64	0.022	0.014	.
1621	.	5.990	26.6	.	.	.	.	.	.	.	.	.	.	.	.
1622	16	7.193	451.8	88.0	.	6.5	3.2	14.5	1.05	0.56	0.36	15.55	0.002	0.006	.
1623	15	7.090	52.0	64.0	.	.	.	.	.	.	.	.	.	.	.
1624	10	6.944	114.8	30.0	.	17.0	3.9	4.1	0.60	0.56	0.38	5.41	0.051	0.005	.
1625	27	6.959	108.0	33.0	.	12.0	3.3	3.2	0.80	0.70	0.64	6.75	.	0.006	.
1626	7	7.159	321.4	47.0	.	32.5	6.5	8.0	0.60	0.40	0.20	4.89	0.016	0.010	.
1627	18	6.620	53.2	36.0	-1.5	.	3.4	3.4	0.75	0.80	0.40	9.50	0.023	0.012	0.020
1628	13	5.350	-2.8	35.0	1.8	.	1.1	2.6	0.80	0.70	0.40	11.50	0.078	0.126	0.040
1629	25	6.860	376.0	67.0	.	.	.	.	.	.	.	.	.	.	.
1630	.	7.530	520.0	90.0	.	.	.	22.0	3.01	.	.	.	0.070	0.008	.
1631	14	7.577	641.6	123.0	.	6.5	2.2	19.0	2.40	0.66	.	23.61	0.000	0.003	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1632	GOLD LAKE	4650	8031	2DC02	MCCARTHY	45	21.1	.	79	8
1633	GOLDIE LAKE	4820	8448	2BD05	DUMAS	47	109.6	.	78	7
1634	GOLDIE LAKE	4820	8448	2BD05	DOMBROSSIO&DUM	47	.	.	85	2
1635	GONG LAKE	4705	8332	2CB02		44	384.8	.	81	7
1636	GORD LAKE (NL)	4719	8332	2CB02	CARTON	44	.	.	81	8
1637	GORDON LAKE	4629	8121	2CF07	FAIRBANK	45	172.8	.	82	5
1638	GORDON LAKE (NL)	4625	8350	2CA11	PLUMMER	44	560.1	.	78	8
1639	GORNUPKAGAMA LAKE	4819	8540	2BC04		47	79.0	2351.0	82	10
1640	GOSCHEN LAKE	4611	8116	2CF03	STALIN	45	21.0	110.0	82	10
1641	GOUGH LAKE (BIRCH)	4618	8158	2CE04	GOUGH	42	1080.5	.	82	5
1642	GOULAIS LAKE	4710	8340	2BF03	BUTCHER	44	239.8	.	81	7
1643	GOULD LAKE	4749	8417	2BE05	SAMPSON	47	246.6	.	81	6
1644	GRACE LAKE	4608	8136	2CF04	CURTAIN	42	1.7	.	85	2
1645	GRANT LAKE	4632	8344	2CA11	MCMAHON	44	4.9	.	81	5
1646	GRANT LAKE	4804	8431	2BD06	FIDDLER	47	89.6	.	81	7
1647	GREAT MOUNTAIN LAKE	4609	8122	2CF05	KILLARNEY	45	191.7	.	80	3
1648	GREAT MOUNTAIN LAKE	4609	8122	2CF05	STALIN	45	19.1	.	85	2
1649	GREBE LAKE	4636	8233	2CC06	HUGHSON	41	.	.	81	3
1650	GREIG LAKE	4729	8448	2BE03	BRIMACOMBE	47	.	.	81	6
1651	GREY LAKE	4608	8110	2CF03	SALE	45	38.0	446.0	82	10
1652	GREY OWL LAKE	4716	8412	2BE08	RUNNALLS	47	248.1	.	80	8
1653	GRIFFIN LAKE	4705	8424	2BF05	NORBERG	44	151.4	.	81	8
1654	GROUSE LAKE	4848	8516	2BC11	MAGONE	47	66.3	.	85	2
1655	GUILMETTE LAKE (TROUT)	4608	7901	2JE07	BOULTER	43	65.5	.	85	2
1656	GULL LAKE	4654	8012	2DC06		46	1313.8	.	81	7

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1632	28	5.450	4.0	52.0	.	.	.	.	.	.	.	.	.	.	.
1633	.	6.960	258.0	.	.	.	.	.	.	.	.	.	.	.	.
1634	14	7.124	319.6	55.0	.	37.5	7.1	7.0	1.85	0.60	.	6.51	0.059	0.008	.
1635	22	6.670	124.0	37.0	30.1	.	4.9	3.8	0.95	0.70	0.30	9.00	0.038	0.012	0.050
1636	3	6.900	96.0	71.0	.	.	.	.	.	.	.	.	.	.	.
1637	17	6.676	19999.8	47.1	26.5	.	.	5.3	1.34	.	.	10.30	.	.	.
1638	.	6.920	360.0	.	.	.	.	.	.	.	.	.	.	.	.
1639	5	6.250	53.0	24.0	45.0	.	.	2.5	0.50	0.26	0.15	4.40	0.130	0.021	0.078
1640	14	6.292	87.2	41.0	47.7	.	.	3.6	1.18	0.95	0.68	9.40	0.080	.	.
1641	21	6.650	94.4	34.7	27.7	.	.	3.0	0.85	.	.	6.20	.	.	.
1642	15	6.700	136.0	39.0	86.8	.	9.7	4.4	1.15	0.80	0.40	8.50	.	.	.
1643	30	5.910	36.0	12.0	.	.	.	.	.	.	.	.	.	.	.
1644	21	.	19999.8	.	.	.	.	.	.	.	.	.	0.174	.	.
1645	21	6.660	20.0	16.0	.	.	.	.	.	.	.	.	.	.	.
1646	29	8.010	1106.0	110.0	.	.	.	.	.	.	.	.	.	.	.
1647	.	4.660	-24.6	40.0	.	.	.	.	.	.	.	.	.	.	.
1648	22	4.957	-100.0	30.0	.	4.0	1.1	2.0	0.60	0.66	0.34	9.55	0.131	0.160	.
1649	2	5.620	-50.0	33.0	.	.	.	.	.	.	.	.	.	.	.
1650	5	4.930	-6.0	11.0	.	.	.	.	.	.	.	.	.	.	.
1651	13	4.806	-19.0	34.0	14.5	.	.	1.8	0.70	0.65	0.34	10.00	0.200	.	.
1652	7	5.010	-6.0	19.0	.	.	.	.	.	.	.	.	.	.	.
1653	12	6.520	42.0	35.0	.	.	.	.	.	.	.	.	.	.	.
1654	18	7.617	1750.4	180.0	.	42.5	9.0	28.5	6.10	0.70	0.46	3.92	0.003	0.007	.
1655	26	6.586	76.2	32.0	.	.	6.4	3.5	0.90	0.66	0.36	6.85	0.048	0.023	.
1656	23	6.990	95.2	47.0	6.3	.	3.1	4.8	1.20	0.60	0.35	12.00	0.008	0.008	0.030

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1657	GULLROCK LAKE	4719	7956	2JD01		46	229.4	.	81	7
1658	HAENTSCHEL LAKE	4713	8055	2DA02		45	94.8	.	81	7
1659	HAIGHT LAKE	4629	8217	2CE09	LOCKEYER	42	20.5	.	78	7
1660	HALF-MILE LAKE	4749	8438	2BD07	REDSKY	47	23.1	.	85	2
1661	HALFWAY LAKE	4654	8138	2CF16		45	247.3	.	80	1
1662	HALLECK LAKE	4657	8032	2DC01	SHEPPARD	45	89.1	.	79	7
1663	HAM LAKE	4603	8038	2DD01	BIGWOOD	45	42.8	.	82	5
1664	HAMBLETON LAKE (BOOT)	4851	8502	2BC11	HAMBLETON	47	354.8	.	85	2
1665	HAMMELL LAKE (CLEAR)	4639	7934	2DC04	HAMMELL	43	140.5	.	85	2
1666	HAMMER LAKE	4824	8506	2BD02	ALANEN	47	458.6	.	80	8
1667	HAMMOND LAKE	4731	7952	2JE16		46	128.7	.	81	7
1668	HANMER LAKE	4643	8058	2CF07	HANMER	45	51.3	694.2	79	8
1669	HARDTIME LAKE	4734	8442	2BE03	BARAGER	47	20.5	.	81	7
1670	HARRINGTON LAKE	4626	7856	2J	OLRIG	43	.	.	82	5
1671	HART LAKE	4631	8351	2CA03	ABERDEEN ADD'L	44	32.4	.	80	6
1672	HARVEY LAKE	4650	8026	2DC02	MCCARTHY	45	48.2	.	79	8
1673	HASTIE LAKE	4614	8247	2CD05	LONG	41	.	.	81	3
1674	HAVILLAND LAKE	4647	8426	2BF08	FENWICK	44	13.0	.	81	5
1675	HAWK LAKE	4654	8414	2BF03	ARCHIBALD	44	34.8	.	85	2
1676	HAWK LAKE	4804	8434	2BD06	ESQUEGA	47	322.4	.	79	9
1677	HAYWARD LAKE (NL)	4834	8558	2BC01	UNORGANIZED	47	553.0	.	80	8
1678	HELE LAKE (HELENS)	4607	8134	2CF04		42	68.4	.	81	7
1679	HELEN LAKE (NL)	4700	8107	2CF07		45	342.0	.	81	7
1680	HENRY LAKE	4749	8453	2BE01	LARONDE	47	.	.	80	7
1681	HERRICK LAKE (NL)	4836	8557	2BC01	UNORGANIZED	47	501.3	.	80	8

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1657	1	5.170	-7.2	38.0	0.0	.	1.5	2.6	0.90	0.50	0.25	12.00	0.052	0.108	0.01
1658	29	6.440	24.0	38.0	4.5	.	2.0	3.0	0.90	0.80	0.35	12.00	0.014	0.010	0.01
1659	.	7.140	93.6	.	.	.	.	.	.	.	.	.	.	.	.
1660	10	6.189	100.8	31.0	.	41.5	5.5	4.4	0.74	0.66	0.38	5.42	0.120	0.011	.
1661	14	6.600	107.8	54.0	24.0	.	.	4.6	1.20	2.70	0.35	10.50	0.061	0.050	0.06
1662	16	6.700	56.0	50.0	.	.	.	.	.	.	.	.	.	.	.
1663	14	7.028	222.0	52.1	36.4	.	.	4.3	1.80	.	.	8.60	.	.	.
1664	18	7.691	1165.8	124.0	.	11.5	4.7	18.8	4.05	0.56	0.48	4.32	0.000	0.004	.
1665	26	5.618	3.2	24.0	.	.	4.0	2.2	0.50	0.46	0.32	6.90	0.045	0.032	.
1666	1	6.870	406.0	100.0	.	.	.	.	.	.	.	.	.	.	.
1667	8	7.450	547.8	94.0	11.2	.	3.0	10.2	5.00	1.10	0.30	10.00	0.003	0.006	0.02
1668	11	6.000	20.0	54.0	.	.	.	.	.	.	.	.	.	.	.
1669	7	5.620	24.0	34.0	.	.	.	.	.	.	.	.	.	.	.
1670	21	7.248	186.0	47.3	18.8	.	.	3.8	1.05	.	.	8.60	.	.	.
1671	12	7.050	118.0	34.0	.	.	.	.	.	.	.	.	.	.	.
1672	18	5.500	4.0	32.0	.	.	.	.	.	.	.	.	.	.	.
1673	6	5.920	-56.0	29.0	.	.	.	.	.	.	.	.	.	.	.
1674	21	7.300	338.0	.	.	.	.	.	.	.	.	.	.	.	.
1675	8	6.476	44.4	22.0	.	18.0	3.7	2.6	0.48	0.60	0.22	4.66	0.053	0.009	.
1676	.	7.680	668.0	114.0	.	.	.	.	.	.	.	.	.	.	.
1677	22	7.500	804.0	108.0	.	.	.	.	.	.	.	.	.	.	.
1678	13	6.620	67.8	38.0	10.3	.	3.4	3.4	1.05	1.00	0.40	11.00	0.010	0.010	0.08
1679	21	5.880	20.8	36.0	11.7	.	3.3	2.8	0.95	0.50	0.30	10.50	0.036	0.016	0.04
1680	17	6.600	256.0	165.0	.	.	.	.	.	.	.	.	.	.	.
1681	22	7.330	550.0	85.0	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1682	HESS LAKE	4644	8132	2CE05	HESS	45	158.8	.	80	7
1683	HICKS LAKE	4654	8031	2DC02	SHEPPARD	45	30.4	.	79	8
1684	HILLTOP LAKE	4754	8449	2BE01	RABAZO	47	25.5	.	85	2
1685	HOATH LAKE	4632	8344	2CA11	MCMAHON	44	4.9	.	81	5
1686	HOBON LAKE	4826	8425	2BD05	HUOTABI	47	227.3	.	78	7
1687	HOPE LAKE	4702	8230	2CB01	COMOX	42	112.8	.	80	8
1688	HOPPY LAKE	4726	8406	2BE08	HADLEY	47	.	.	81	6
1689	HORNER LAKE	4640	8332	2CA11	SHINGWAUKONCE	41	574.9	.	80	8
1690	HORSEHEAD LAKE	4849	8523	2BC11	MIKANO	47	65.0	.	85	2
1691	HUBERT LAKE	4719	8427	2BE05	LARSON	47	85.3	.	81	8
1692	HUCKSON LAKE	4729	8435	2BE04	GREENWOOD	47	6.0	.	81	7
1693	HUFF LAKE	4711	8434	2BF10	SMILSKY	44	109.4	.	80	6
1694	HUTTON LAKE	4649	8100	2CF07		45	77.4	.	81	7
1695	ICELAND LAKE	4700	7952	2DC06	STRATHCONA	46	82.7	.	79	6
1696	IRELAND LAKE	4813	8447	2BD05	LECLAIRE	47	.	.	80	9
1697	IRON LAKE	4657	8021	2DC01		43	72.4	.	81	8
1698	IRON LAKE	4630	8356	2CA03	MEREDITH	44	217.9	.	81	6
1699	IRON LAKE	4814	8516	2BD02	KEATING	47	193.3	.	80	8
1700	IROQUOIS BAY	4606	8138	2CF04	CURTIN	42	496.2	.	80	9
1701	ISLAND LAKE (NL)	4702	8331	2CA02	MCILVEEN	44	99.2	.	81	8
1702	JACKFISH LAKE	4800	8535	2BC09	UNORGANIZED	47	.	.	80	6
1703	JARVEY LAKE	4819	8520	2BC08	UNSURVEYED	47	117.5	.	85	2
1704	JARVIS LAKE	4641	8410	2CA02	JARVIS	44	55.1	.	81	8
1705	JEANNE LAKE	4655	8211	2CE06	BEEBE	42	.	.	80	8
1706	JEFF LAKE	4727	8415	2BE08	GRZELA	47	.	.	81	6

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1682	26	6.110	54.0	38	.	.	.	.	.	.	.	.	.	.	.
1683	28	5.800	10.0	92	.	.	.	.	.	.	.	.	.	.	.
1684	10	7.940	972.0	118	.	6.5	3.2	20.1	2.14	0.76	0.62	8.36	0.000	0.009	.
1685	21	6.980	34.0	32	.	.	.	.	.	.	.	.	.	.	.
1686	.	7.400	347.0	.	.	.	.	.	.	.	.	.	.	.	.
1687	10	6.020	24.0	29	.	.	.	.	.	.	.	.	.	.	.
1688	11	5.330	6.0	29	.	.	.	.	.	.	.	.	.	.	.
1689	11	6.690	56.0	33	.	.	.	.	.	.	.	.	.	.	.
1690	18	7.317	1216.2	130	.	44.5	11.3	19.4	5.05	0.46	0.40	3.23	0.000	0.009	.
1691	19	5.190	-4.0	24	.	.	.	.	.	.	.	.	.	.	.
1692	1	5.680	24.0	27	.	.	.	.	.	.	.	.	.	.	.
1693	24	6.770	94.0	31	.	.	.	.	.	.	.	.	.	.	.
1694	21	6.630	112.8	41	8.5	.	2.8	3.8	1.10	0.60	0.60	11.50	0.016	0.036	0.07
1695	8	6.800	208.0	85	.	.	.	.	.	.	.	.	.	.	.
1696	4	6.800	222.0	53	.	.	.	.	.	.	.	.	.	.	.
1697	6	5.740	2.4	42	.	.	.	3.8	0.75	0.70	0.30	13.50	0.038	0.044	0.01
1698	10	7.050	118.0	50	.	.	.	.	.	.	.	.	.	.	.
1699	27	6.960	258.0	54	.	.	.	.	.	.	.	.	.	.	.
1700	2	7.300	506.0	101	.	.	.	.	.	.	.	.	.	.	.
1701	12	6.800	58.0	42	.	.	.	.	.	.	.	.	.	.	.
1702	21	5.830	10.0	19	.	.	.	.	.	.	.	.	.	.	.
1703	17	7.339	343.4	51	.	42.5	6.3	6.3	1.70	0.70	0.30	5.26	0.124	0.012	.
1704	20	5.600	4.0	24	.	.	.	.	.	.	.	.	.	.	.
1705	15	6.350	52.0	27	.	.	.	.	.	.	.	.	.	.	.
1706	11	5.390	6.0	28	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1707	JEMBI LAKE	4901	8526	2BC11	UNSURVEYED	47	343.5	.	85	2
1708	JERRY LAKE	4722	8039	2JD03		46	56.3	.	81	8
1709	JIM EDWARDS LAKE	4718	8026	2JD03		46	86.7	.	81	7
1710	JIMMY KASH LAKE	4811	8505	2BD02	LEVESQUE A.C.R	47	136.8	.	85	2
1711	JOBAMMAGEESHIG LAKE	4631	8324	2CC08	GOULD	41	546.1	3440.6	80	8
1712	JOE LAKE	4644	8101	2CF14	WISNER	45	184.3	.	80	6
1713	JOHNNIE LAKE	4607	8114	2CF02		45	395.7	.	81	7
1714	JOHNSON LAKE	4644	8136	2CE02	MONCRIEFF	45	14.0	.	81	7
1715	JOHNSON LAKE	4716	7945	2JE15	GILLIES LIMIT	46	38.2	.	79	6
1716	JOKO LAKE	4708	8434	2BF04	NICOLET	44	24.7	.	85	2
1717	JOSEPH LAKE	4852	8520	2BC11	MAGONE	47	78.9	.	85	2
1718	JOSEPHINE LAKE	4658	8032	2DC01	SHEPPARD	45	85.3	.	79	7
1719	JUBILEE LAKE	4759	8445	2BD06	MCMURRAY	47	2.4	.	81	6
1720	JUMPING CARIBOO LAKE	4653	7947	2DC06		46	409.1	.	81	7
1721	JUNCTION LAKE	4753	8450	2BE01	RABAZO	47	33.1	.	85	2
1722	JUSTIN LAKE	4821	8420	2BD06	JACOBSON	47	33.7	.	78	8
1723	KABISKAGAMI LAKE	4842	8434	2BD05	MOSAMBIK	47	145.8	.	81	7
1724	KABISKAGAMI LAKE	4841	8434	2BD05	MOSAMBIK	47	145.8	.	85	2
1725	KABOSSAKWA LAKE	4851	8525	2BC11	MIKANO	47	159.9	.	80	8
1726	KAGINAGAKOG LAKE	4842	8502	2BC01	TEDDER	47	279.4	.	80	7
1727	KAGINAGAKOG LAKE	4842	8502	2BC01	TEDDER	47	279.4	.	85	2
1728	KAKAKISE LAKE	4604	8120	2CF03	KILLARNEY	45	118.9	.	80	3
1729	KAKAKIWAGANDA LAKE	4611	8047	2DD02		45	187.9	.	81	7
1730	KAKAKIWIBIK LAKE	4836	8505	2BC01	ABRAHAM	47	424.0	.	80	7
1731	KASAKAWANIA LAKE	4653	8125	2CF16	RHODES	45	96.6	.	79	9

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1707	18	7.423	1553.6	162	.	35.0	9.6	24.4	6.10	0.60	0.32	4.13	0.007	0.011	.
1708	11	4.910	-11.2	38	14.4	.	0.6	2.6	0.70	0.70	0.40	11.50	0.270	0.156	0.03
1709	29	4.910	-10.6	32	4.5	.	1.1	2.0	0.65	0.60	0.30	10.50	0.280	0.184	0.01
1710	11	6.855	202.4	42	.	50.0	7.3	5.7	0.96	0.56	0.42	5.96	0.110	0.020	.
1711	26	6.800	100.0	47	.	.	.	.	.	.	.	.	.	.	.
1712	11	5.900	4.0	51	.	.	.	.	.	.	.	.	.	.	.
1713	13	5.030	-8.8	36	5.8	.	2.4	2.8	0.80	0.70	0.40	11.00	0.150	0.104	0.08
1714	2	7.380	298.0	88	.	.	.	.	.	.	.	.	.	.	.
1715	10	7.100	192.0	80	.	.	.	.	.	.	.	.	.	.	.
1716	7	6.788	169.0	30	.	39.0	5.1	4.2	0.54	0.60	0.36	3.31	0.055	0.050	.
1717	18	7.627	1540.4	158	.	15.0	7.2	24.2	5.20	0.56	0.48	3.18	0.000	0.008	.
1718	15	6.650	68.0	51	.	.	.	.	.	.	.	.	.	.	.
1719	9	7.000	370.0	98	.	.	.	.	.	.	.	.	.	.	.
1720	23	6.970	175.2	56	19.3	.	4.4	5.4	1.60	1.10	0.30	10.50	0.019	0.014	0.04
1721	10	7.866	1122.6	133	.	7.0	3.1	23.3	2.20	0.80	0.66	8.68	0.000	0.005	.
1722	.	8.000	1310.0	.	.	.	.	.	.	.	.	.	.	.	.
1723	27	7.510	744.0	54	.	.	.	.	.	.	.	.	.	.	.
1724	18	7.402	789.6	90	.	6.0	3.7	12.8	3.05	0.60	0.40	4.82	0.000	0.006	.
1725	17	8.010	1342.0	114	.	.	.	.	.	.	.	.	.	.	.
1726	29	7.640	946.0	104	.	.	.	.	.	.	.	.	.	.	.
1727	18	7.301	1173.0	128	.	22.0	6.0	19.2	4.00	0.80	0.40	4.97	0.005	0.010	.
1728	.	5.600	10.4	46	.	.	.	.	.	.	.	.	.	.	.
1729	16	6.630	198.6	82	40.5	.	6.0	5.2	2.40	4.30	0.70	13.00	0.062	0.032	0.15
1730	21	7.590	958.0	103	.	.	.	.	.	.	.	.	.	.	.
1731	13	6.570	102.0	40	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1732	KATZENBACH LAKE	4804	8520	2BD02	UNORGANIZED	47	243.0	.	80	8
1733	KATZENBACK LAKE	4804	8520	2BD02	UNSURVEYED	47	.	.	85	2
1734	KAUFMAN LAKE	4640	8411	2CA02	JARVIS	44	31.4	.	81	5
1735	KAWAPITAPIKA LAKE	4837	8521	2BC01	KNOWLES/LESLIE	47	144.5	.	78	8
1736	KAWAWEAGAMA LAKE	4831	8501	2BC01	MCGOWEN	47	481.2	.	80	7
1737	KAWAWIA LAKE	4653	8121	2CF16	RHODES	45	85.6	.	79	9
1738	KEARNS LAKE	4650	8027	2DC02	MCCARTHY	45	16.1	.	79	8
1739	KEARNS LAKE	4750	8443	2BE01	NAVEAU	47	138.1	.	81	8
1740	KENNEDY LAKE	4651	8150	2CE08		45	254.5	.	80	1
1741	KENNY LAKE (NL)	4717	8434	2BE05	PEEVER	47	.	.	81	6
1742	KENSHOE LAKE	4852	8517	2BC11	MAGONE	47	64.2	.	78	8
1743	KERWIN LAKE	4700	8428	2BF05	WISHART	44	35.6	.	85	2
1744	KETTLE LAKE	4701	8227	2CB01	ETHEL	42	299.6	.	80	7
1745	KETTLE LAKE	4652	7945	2DC07	MILNE	46	16.4	.	79	7
1746	KETTYLE LAKE	4649	8032	2DC02	MCCARTHY	45	.	.	79	8
1747	KILLARNEY LAKE	4604	8122	2CF03		45	357.5	.	81	7
1748	KINDIOGAMI LAKE	4650	8257	2CC07		41	417.2	.	81	7
1749	KINDLE LAKE	4627	8224	2CD02	LEHMAN	42	248.3	.	80	9
1750	KINGS LAKE	4622	8231	2CD02	PROCTOR	41	87.5	.	80	7
1751	KINK LAKE	4759	8548	2BC09	HOMER	47	.	.	80	6
1752	KINNIWABI LAKE	4755	8420	2BD07	PAWIS	47	332.3	.	80	9
1753	KLONDYKE LAKES	4636	8206	2CE06	STRAIN	42	94.3	.	80	8
1754	KNIFE LAKE	4818	8506	2BD02	CHAPAIS	47	561.6	.	80	6
1755	KOATISINIMIGO LAKE (BEAR)	4638	7936	2DC04	HAMMELL	43	558.9	.	81	6
1756	KOKO LAKE	4631	7911	2JE13	FRENCH	43	142.7	.	85	2
									85	2

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1732	27	6.840	154.0	38.0	.	.	.	.	.	.	.	.	.	.	.
1733	11	6.913	153.4	37.0	.	17.0	3.9	4.9	0.72	0.30	0.18	5.87	0.055	0.006	.
1734	21	6.600	58.0	.	.	.	.	.	.	.	.	.	.	.	.
1735	.	8.510	1910.0	.	.	.	.	.	.	.	.	.	.	.	.
1736	25	7.260	504.0	74.0	.	.	.	.	.	.	.	.	.	.	.
1737	13	6.480	74.0	32.0	.	.	.	.	.	.	.	.	.	.	.
1738	28	5.100	-8.0	.	.	.	.	.	.	.	.	.	.	.	.
1739	19	6.350	156.0	53.0	.	.	.	.	.	.	.	.	.	.	.
1740	14	6.260	53.6	42.0	8.0	.	.	3.8	0.90	1.00	0.35	12.00	0.020	0.006	0.01
1741	17	6.700	220.0	33.0	.	11.5	3.2	4.1	0.60	0.56	0.24	4.22	.	0.005	.
1742	.	8.390	1510.0	.	.	.	.	.	.	.	.	.	.	.	.
1743	8	6.881	147.4	30.0	6.8	.	0.6	2.8	0.75	0.80	0.35	11.50	0.270	0.208	0.03
1744	11	6.420	102.0	37.0	9.4	.	3.0	4.4	1.25	0.70	0.25	8.00	0.014	0.010	0.03
1745	11	6.950	140.0	74.0	.	.	.	.	.	.	.	.	.	.	.
1746	28	5.000	-10.0	42.0	.	.	.	.	.	.	.	.	.	.	.
1747	13	4.860	-13.2	36.0	.	.	.	.	.	.	.	.	.	.	.
1748	22	7.110	205.6	41.0	.	.	.	.	.	.	.	.	.	.	.
1749	3	5.690	-22.0	333.0	.	.	.	.	.	.	.	.	.	.	.
1750	20	7.100	120.0	43.0	.	.	.	.	.	.	.	.	.	.	.
1751	21	7.250	292.0	68.0	.	.	.	.	.	.	.	.	.	.	.
1752	10	6.980	256.0	49.0	.	.	.	.	.	.	.	.	.	.	.
1753	22	6.200	34.0	27.0	.	.	.	.	.	.	.	.	.	.	.
1754	2	7.200	448.0	83.0	.	.	.	.	.	.	.	.	.	.	.
1755	26	5.997	16.6	27.0	.	.	.	.	.	.	.	.	.	.	.
1756	27	6.428	58.2	40.0	.	50.0	5.4	2.6	0.70	0.56	0.48	7.40	0.073	0.031	.
							5.5	3.3	0.90	1.40	0.86	8.40	0.210	0.058	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1757	KOKOKO LAKE	4705	8002	2DC06		46	494.1	.	81	7
1758	KWAGAMA LAKE	4727	8435	2BE04	GREENWOOD	47	221.1	.	81	6
1759	KWINKWAGA LAKE	4848	8520	2BC11	FLOOD	47	811.9	.	80	8
1760	KYLE LAKE	4630	8241	2CD02	BOUCK	41	7.6	.	79	6
1761	LA CHAPELLE LAKE	4617	7907	2JE07	BONFIELD	43	22.3	.	80	7
1762	LAC AUX SABLES	4647	8220	2CB03		42	1163.2	.	81	7
1763	LAC CHERIE	4700	8343	2BF03	PINE	44	.	.	81	6
1764	LADY SYDNEY LAKE	4724	8012	2JD02		46	229.9	.	81	7
1765	LAKE (NL)	4641	8104	2CF07	HANMER	45	.	.	80	6
1766	LAKE NIPISSING (WEST ARM)	4615	8021	2D	LAKE NIPISSING	45	.	.	82	5
1767	LAKE NOSBONSING	4612	7913	2JE07	EAST FERRIS	43	1705.9	.	80	7
1768	LAKE 1 (NL)	4627	8238	2CD02	GUNTERMAN	41	11.9	.	79	7
1769	LAKE 1 (NL)	4708	8342	2BF03	HOFFMAN	44	.	.	81	5
1770	LAKE 11 (NL)	4706	8429	2BF05	NICOLET	44	8.9	.	80	6
1771	LAKE 12 (NL)	4710	8309	2CB03	GAUNT	41	29.4	.	81	6
1772	LAKE 13 (NL)	4707	8346	2BF03	GAUDRY	44	.	.	81	5
1773	LAKE 19 (NL)	4625	8239	2CD02	GUNTERMAN	41	4.9	.	79	8
1774	LAKE 19 (NL)	4700	8334	2CA02	MCILVEEN	44	11.1	.	80	8
1775	LAKE 2 (NL)	4614	8234	2CD04	LEWIS	41	15.5	.	79	6
1776	LAKE 2 (NL)	4703	8347	2BF03	NAHWEGEZHIC	44	15.4	.	80	5
1777	LAKE 21 (NL)	4628	8238	2CD02	BOUCK	41	7.0	.	79	6
1778	LAKE 23 (NL)	4632	8242	2CD02	HEMBRUFF	41	7.5	.	81	9
1779	LAKE 24 (NL)	4646	8230	2CC06	LANDERIAULT	41	.	.	81	7
1780	LAKE 26 (NL)	4626	8238	2CD02	GUNTERMAN	41	.	.	81	3
1781	LAKE 3 (NL)	4707	8356	2BF06	GAPP	44	.	.	81	5

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1757	1	7.290	298.4	66.0	11.2	.	6.5	7.0	1.90	1.00	0.35	12.00	0.010	0.008	0.06
1758	19	5.540	10.0	29.0	.	.	.	.	.	.	.	.	.	.	.
1759	17	7.660	1260.0	114.0	.	.	.	.	.	.	.	.	.	.	.
1760	24	7.150	94.0	34.0	.	.	.	.	.	.	.	.	.	.	.
1761	17	6.550	270.0	47.0	.	.	.	.	.	.	.	.	.	.	.
1762	2	6.550	52.8	32.0	10.8	.	3.7	2.6	0.70	1.30	0.40	8.50	0.009	0.018	0.13
1763	23	6.310	12.0	36.0	.	.	.	.	.	.	.	.	.	.	.
1764	8	5.550	2.8	36.0	.	.	.	.	.	.	.	.	.	.	.
1765	11	6.530	46.0	50.0	.	.	.	.	.	.	.	.	.	.	.
1766	14	6.668	313.6	61.6	48.4	.	.	5.0	2.04	.	.	9.30	.	.	.
1767	31	7.000	272.0	55.0	.	.	.	.	.	.	.	.	.	.	.
1768	31	6.000	16.0	27.0	.	.	.	.	.	.	.	.	.	.	.
1769	21	7.150	38.0	.	.	.	.	.	.	.	.	.	.	.	.
1770	26	7.050	90.0	29.0	.	.	.	.	.	.	.	.	.	.	.
1771	9	6.800	120.0	38.0	.	.	.	.	.	.	.	.	.	.	.
1772	21	7.050	28.0	.	.	.	.	.	.	.	.	.	.	.	.
1773	7	6.800	28.0	28.0	.	.	.	.	.	.	.	.	.	.	.
1774	11	6.400	66.0	30.0	.	.	.	.	.	.	.	.	.	.	.
1775	8	6.410	34.0	111.0	.	.	.	.	.	.	.	.	.	.	.
1776	9	6.350	56.0	.	.	.	.	.	.	.	.	.	.	.	.
1777	23	6.100	22.0	31.0	.	.	.	.	.	.	.	.	.	.	.
1778	11	6.500	68.0	.	.	.	.	.	.	.	.	.	.	.	.
1779	22	5.600	16.0	24.0	.	.	.	.	.	.	.	.	.	.	.
1780	23	5.230	50.0	.	.	.	.	.	.	.	.	.	.	.	.
1781	21	7.120	134.0	.	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1782	LAKE 37 (NL)	4706	8428	2BF05	NORBERG	44	7.2	.	80	7
1783	LAKE 38 (NL)	4646	8230	2CC06	LANDERIAULT	41	.	.	81	7
1784	LAKE 4 (NL)	4702	8009	2DC06	JOAN	46	.	.	79	8
1785	LAKE 46 (NL)	4643	8102	2CF14	HANNER	45	.	.	79	9
1786	LAKE 59 (NL)	4649	8258	2CB01	WINKLER	41	.	.	81	8
1787	LAKE 7 (NL)	4626	8238	2CD02	GUNTERMAN	41	6.7	.	79	8
1788	LAKE 78 (NL)	4650	8207	2CE06	GERVAIS	42	81.2	.	80	8
1789	LAKE 8 (NL)	4626	8238	2CD02	GUNTERMAN	41	8.8	.	79	8
1790	LAKE 9 (NL)	4627	8238	2CD02	GUNTERMAN	41	3.5	.	79	8
1791	LAKE 9 (NL)	4641	8410	2CA02	JARVIS	44	10.6	.	81	5
1792	LAKE 97 (NL)	4653	8205	2CE02	BEEBE	42	.	.	80	8
1793	LANDERS LAKE	4716	8029	2DC08		46	110.7	.	81	8
1794	LANG LAKE	4610	8140	2CF05	CURTIN	42	596.4	.	82	5
1795	LAUNDRIE LAKE	4707	8052	2DC01		45	374.6	.	81	7
1796	LAURA LAKE	4657	8036	2DC08		45	223.8	.	81	7
1797	LAUZON LAKE	4612	8250	2CD05	STRIKER	41	2243.7	.	78	7
1798	LEACHMAN LAKE	4654	8415	2BF03	ARCHIBALD	44	29.2	.	85	2
1799	LEAR LAKE	4619	8301	2CD08	SCARFE	41	168.5	.	80	8
1800	LEES LAKE (NL)	4651	8136	2CF16	ULSTER	45	4.5	.	81	8
1801	LENA LAKE	4803	8441	2BD05	CHABANEL	47	91.5	.	78	6
1802	LENA LAKE (ELEANOR)	4804	8441	2BD05	CHABANEL	47	91.5	.	85	2
1803	LESLIE LAKES	4841	8522	2BC01	CECILE	47	31.7	.	85	2
1804	LESLIE LAKES (MIDDLE)	4841	8522	2BC01	CECILE	47	23.9	.	85	2
1805	LILY PAD LAKE	4703	8401	2BF06	DABLON	44	19.4	.	85	2
1806	LINGER LAKE	4705	8030	2CD09		45	69.8	.	81	7

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1782	30	6.750	116.0	30.0	.	.	.	.	.	.	.	.	.	.	.
1783	22	5.800	28.0	30.0	.	.	.	.	.	.	.	.	.	.	.
1784	20	6.000	30.0	.	.	.	.	.	.	.	.	.	.	.	.
1785	18	5.810	12.0	30.0	.	.	.	.	.	.	.	.	.	.	.
1786	25	6.700	108.0	48.0	.	.	.	.	.	.	.	.	.	.	.
1787	5	6.150	22.0	25.0	.	.	.	.	.	.	.	.	.	.	.
1788	15	6.050	56.0	24.0	.	.	.	.	.	.	.	.	.	.	.
1789	4	5.650	28.0	24.0	.	.	.	.	.	.	.	.	.	.	.
1790	2	6.450	12.0	27.0	.	.	.	.	.	.	.	.	.	.	.
1791	21	5.200	-2.0	29.0	.	.	.	.	.	.	.	.	.	.	.
1792	22	5.530	-4.0	27.0	.	.	.	.	.	.	.	.	.	.	.
1793	11	4.740	-18.0	36.0	32.8	.	1.6	2.2	0.60	0.80	0.30	10.50	0.420	0.164	0.02
1794	19	7.234	152.4	70.4	9.6	.	.	6.5	1.82	.	.	17.30	.	.	.
1795	7	5.150	-5.8	33.0	15.7	.	4.7	2.4	0.60	0.80	0.40	10.50	0.094	0.054	0.09
1796	7	5.880	6.8	46.0	0.9	.	2.0	13.6	3.30	0.70	0.50	15.00	0.022	0.140	0.02
1797	.	6.620	72.8	.	.	.	.	.	.	.	.	.	.	.	.
1798	8	6.231	44.2	23.0	.	44.0	6.0	3.0	0.50	0.56	0.22	4.67	0.150	0.023	.
1799	25	6.500	34.0	31.0	.	.	.	.	.	.	.	.	.	.	.
1800	6	6.380	58.0	31.0	.	.	.	.	.	.	.	.	.	.	.
1801	.	7.290	578.0	.	.	.	.	.	.	.	.	.	.	.	.
1802	14	7.502	679.6	101.0	.	5.5	2.6	16.7	2.60	0.50	.	19.14	0.004	0.007	.
1803	18	7.504	1823.0	191.0	.	18.5	5.8	31.7	5.65	0.86	0.62	5.22	0.018	0.043	.
1804	18	7.767	1537.4	164.0	.	10.5	4.4	26.6	5.00	0.86	0.52	5.66	0.005	0.003	.
1805	7	7.239	426.0	63.0	.	37.0	6.1	10.7	0.78	0.56	0.26	5.57	0.049	0.015	.
1806	7	5.010	-8.6	36.0	6.3	.	2.3	2.2	0.60	0.80	0.40	11.50	0.180	0.094	0.04

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1807	LINK LAKE	4630	8241	2CD02	BOUCK	41	.	.	81	9
1808	LIONEL LAKE	4723	8424	2BE05	LARSON	47	.	.	81	6
1809	LITTLE AGAWA LAKE	4721	8423	2BE05	LARSON	47	131.2	.	81	6
1810	LITTLE CHIBLOW LAKE	4621	8308	2CD08	MONTGOMERY	41	.	.	80	7
1811	LITTLE CLEAR LAKE (CLEAR)	4608	7903	2JE07	BOULTER	43	11.7	.	85	2
1812	LITTLE DOSSIER LAKE	4746	8443	2BE01	REDSKY	47	26.5	.	85	2
1813	LITTLE LAUNDRIE LAKE	4707	8047	2DC01		45	58.2	.	81	7
1814	LITTLE MCDOUGAL LAKE	4644	7914	2JE01	WYSE	43	83.0	.	80	8
1815	LITTLE PANACHE LAKE	4617	8122	2CF09		45	130.7	.	81	6
1816	LITTLE PICKEREL LAKE	4629	8318	2CC02	GRASETT	41	194.5	.	80	8
1817	LITTLE QUIRKE LAKE	4632	8236	2CD02	HEMBRUFF	41	388.8	.	81	3
1818	LITTLE TOMIKO LAKE	4633	7927	2DD18	STEWART	43	310.9	.	82	5
1819	LITTLE TROUT LAKE	4756	8526	2BD01	UNORGANIZED	47	20.1	.	81	7
1820	LITTLE TURKEY LAKE	4703	8425	2BF05	WISHART	44	19.4	.	85	2
1821	LOCATION LAKE	4644	8257	2CC09	THORP	41	84.8	.	80	8
1822	LOLA LAKE	4822	8438	2BD05	DUNPHY	47	288.4	.	80	8
1823	LOLA LAKE	4822	8439	2BD05	DUNPHY	47	288.4	.	85	2
1824	LONE LAKE	4608	8106	2CF03	SALE	45	38.0	148.0	82	10
1825	LONELY LAKE	4659	8104	2CF07	BERESFORD	45	99.8	7157.2	80	2
1826	LONG LAKE	4622	8105	2C	EDEN	45	.	.	82	5
1827	LONG LAKE	4838	8538	2BC03	LABERGE	47	.	.	81	6
1828	LONG LAKE (NL)	4636	8136	2CF10	ERMATINGER	45	31.1	.	81	8
1829	LOON LAKE	4613	8142	2CF06		42	151.1	.	81	6
1830	LOON LAKE	4801	8548	2BC09	UNORGANIZED	47	.	.	80	6
1831	LOONSKIN LAKE	4805	8438	2BD05		47	149.9	.	.	.

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1807	15	7.150	256.0	56.0	.	.	.	.	.	.	.	.	.	.	.
1808	11	4.870	-4.0	26.0	.	.	.	.	.	.	.	.	.	.	.
1809	11	5.240	2.0	28.0	.	.	.	.	.	.	.	.	.	.	.
1810	23	7.000	86.0	39.0	.	.	.	.	.	.	.	.	.	.	.
1811	26	6.601	110.6	33.0	.	.	1.9	3.2	0.80	0.70	0.54	7.20	0.008	0.006	.
1812	10	7.178	228.6	44.0	.	28.5	4.5	5.6	1.08	0.90	0.58	5.61	0.055	0.026	.
1813	7	5.800	4.2	37.0	4.9	.	2.7	1.6	0.40	1.10	0.45	12.00	0.034	0.048	0.04
1814	5	7.710	398.0	73.0	.	.	.	.	.	.	.	.	.	.	.
1815	15	7.620	522.6	88.0	6.3	.	4.7	10.6	2.45	1.70	0.80	12.00	0.012	0.008	0.02
1816	11	6.700	64.0	33.0	.	.	.	.	.	.	.	.	.	.	.
1817	2	6.320	6.0	35.0	.	.	.	.	.	.	.	.	.	.	.
1818	17	5.720	19999.8	31.0	23.7	.	.	2.1	0.47	.	.	7.50	.	.	.
1819	21	6.020	48.0	35.0	.	.	.	.	.	.	.	.	.	.	.
1820	8	6.988	130.2	34.0	.	17.0	3.4	5.1	0.50	0.60	0.24	5.30	.	0.008	.
1821	22	6.650	100.0	30.0	.	.	.	.	.	.	.	.	.	.	.
1822	1	7.350	624.0	92.0	.	.	.	.	.	.	.	.	.	.	.
1823	14	7.436	799.4	100.0	.	13.0	4.7	14.3	3.30	0.76	.	7.70	0.000	0.007	.
1824	13	6.096	18.2	38.0	8.9	.	.	2.6	1.10	0.80	0.60	11.40	0.028	.	.
1825	.	5.340	10.8	40.0	.	.	.	.	.	.	.	.	.	.	.
1826	20	7.433	267.4	132.0	21.4	.	.	8.9	2.73	.	.	17.80	.	.	.
1827	24	6.700	300.0	22.0	.	.	.	.	.	.	.	.	.	.	.
1828	12	6.120	0.0	27.0	.	.	.	.	.	.	.	.	.	.	.
1829	30	6.930	201.8	60.0	24.7	.	8.0	5.2	1.70	1.70	0.70	11.00	0.074	0.016	0.22
1830	21	7.330	228.0	56.0	.	.	.	.	.	.	.	.	.	.	.
1831	.	7.120	295.0	106.0	.	.	.	14.5	1.60	.	.	.	0.120	0.009	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1832	LOONSKIN LAKE	4805	8438	2BD05	ESQUEGA	47	.	.	85	2
1833	LOVEDEE LAKE	4841	8520	2BC11	CONNON	47	107.8	.	85	2
1834	LOW LAKE	4607	8134	2CF04	ROOSEVELT	42	30.3	.	80	1
1835	LOWER BLOCK 9 LAKE (NL)	4653	8029	2DC02	MCCARTHY	45	5.8	.	79	8
1836	LOWER ISLAND LAKE	4639	8416	2CA01	AWERES	44	54.0	.	81	6
1837	LOWER MATAGAMASI	4650	8029	2DC02	MCCARTHY	45	13.1	.	85	2
1838	LOWER MATAGAMASI LAKE	4650	8029	2DC02		45	131.8	.	.	.
1839	LOWER STURGEON LAKE	4607	8036	2DD01	DELAMERE	45	73.7	.	79	9
1840	MABEL LAKE	4636	8413	2CA01	DUNCAN	44	41.3	.	81	5
1841	MABEL POND	4729	8435	2BE04	GREENWOOD	47	1.5	.	85	2
1842	MACDONALD LAKE	4655	8134	2CF16		45	87.9	.	.	.
1843	MACDONALD LAKE	4655	8134	2CF16	EMO	45	8.7	.	85	2
1844	MACGREGOR LAKE	4717	8433	2BE05	PEEVER	47	23.0	.	81	6
1845	MACONNER LAKE	4802	8405	2BD08	LAFORME	47	100.4	.	81	7
1846	MADAWANSON LAKE	4637	8211	2CE06		42	416.5	.	81	7
1847	MAGOG LAKE	4617	8250	2CB06		41	309.0	.	81	6
1848	MAHZENAZING LAKE	4604	8110	2CF03	CARLYLE	45	164.0	34494.0	82	10
1849	MAKADA LAKE (BLACK)	4622	8110	2C	WATERS	45	.	.	82	5
1850	MAKOBE LAKE	4727	8027	2JD04		46	2023.0	.	81	7
1851	MALLOT LAKE	4719	8415	2BE08	RAAFLAUB	47	.	.	81	6
1852	MAMAINSE LAKE	4703	8437	2BF05	RYAN	44	143.8	.	81	8
1853	MANITOU LAKE	4651	8017	2DC01	CLEMENT	43	322.4	.	82	5
1854	MANITOWIK LAKE	4810	8424	2BD06	DEBASSIGE	47	3132.8	.	80	8
1855	MANITOWIK LAKE	4810	8424	2BD06	DEBASSIGE,BIRD	47	.	.	85	2
1856	MANTON LAKE	4807	8407	2BD10	ECHUM	47	42.4	.	85	2

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1832	14	7.219	376.2	83.0	.	9.0	3.6	13.0	1.35	0.50	.	16.80	0.000	0.006	.
1833	17	7.621	726.2	86.0	.	15.0	5.3	12.7	2.85	0.76	0.32	5.46	0.011	0.010	.
1834	.	7.140	369.0	78.0	.	.	.	8.8	1.90	.	.	14.50	0.020	0.020	.
1835	28	5.700	18.0	.	.	.	.	.	.	.	.	.	.	.	.
1836	25	6.400	26.0	69.0	.	.	.	.	.	.	.	.	.	.	.
1837	20	5.469	-100.0	40.0	.	-999.9	1.8	3.8	0.80	0.70	0.32	14.35	0.262	0.092	.
1838	.	5.000	-2.6	45.0	.	.	.	.	.	.	.	.	.	.	.
1839	10	6.800	108.0	41.0	.	.	.	.	.	.	.	.	.	.	.
1840	6	6.750	86.0	.	.	.	.	.	.	.	.	.	.	.	.
1841	10	6.673	56.2	26.0	.	11.5	2.4	2.9	0.52	0.80	0.30	5.05	0.110	0.016	.
1842	.	4.870	-14.4	31.0	.	.	.	.	.	.	.	.	.	.	.
1843	20	5.339	-100.0	26.0	.	8.0	2.6	2.1	0.55	0.70	0.24	7.65	0.113	0.062	.
1844	15	6.410	94.0	44.0	.	.	.	.	.	.	.	.	.	.	.
1845	6	6.030	72.0	43.0	.	.	.	.	.	.	.	.	.	.	.
1846	2	6.630	50.4	30.0	11.2	.	3.1	2.2	0.60	1.20	0.35	7.50	0.020	0.012	0.09
1847	30	6.680	70.0	34.0	16.2	.	4.2	2.8	0.95	0.80	0.30	7.50	0.049	0.012	0.10
1848	13	5.892	10.0	37.0	7.7	.	.	2.4	1.04	1.00	0.48	10.70	0.057	.	.
1849	17	7.077	175.2	78.8	22.2	.	.	7.5	2.38	.	.	18.20	.	.	.
1850	9	5.610	1.8	32.0	9.9	.	2.3	2.2	0.75	0.80	0.40	9.50	0.039	0.050	0.02
1851	19	4.720	-12.0	26.0	.	.	.	.	.	.	.	.	.	.	.
1852	12	6.050	8.0	27.0	.	.	.	.	.	.	.	.	.	.	.
1853	21	7.007	183.0	57.2	7.2	.	.	6.5	1.43	.	.	13.60	.	.	.
1854	28	7.500	564.0	111.0	.	.	.	.	.	.	.	.	.	.	.
1855	16	7.527	628.8	88.0	.	24.0	5.9	12.8	2.55	0.80	0.56	8.99	0.009	0.005	.
1856	15	6.371	74.6	26.0	.	11.5	3.8	2.3	0.90	0.56	0.54	5.43	0.012	0.016	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1857	MAPLE LAKE	4800	8533	2BC09	UNORGANIZED	47	.	.	80	6
1858	MAQUON LAKE	4742	8438	2BD07	STONE	47	163.2	.	81	6
1859	MARGUERITE LAKE	4646	8149	2CE07	CRAIG	42	36.1	.	80	8
1860	MARIAN LAKE	4646	7947	2DC07	SISK	43	274.2	.	85	2
1861	MARIANNE LAKE (MARION)	4827	8507	2BD02	#32R28(ALANEN)	47	24.2	.	85	2
1862	MARJORY LAKE	4802	8507	2BD03	WARPULA	47	.	.	81	7
1863	MARJORY LAKE (MARJORIE)	4802	8507	2BD03	WARPULA	47	.	.	85	2
1864	MARSH LAKE	4628	8243	2CD02	BEANGE	41	31.4	.	80	6
1865	MARTIN LAKE	4709	8406	2BF06	VIBERT	44	18.1	.	85	2
1866	MASH LAKE	4735	8446	2BE03	ASSELIN	47	13.6	.	81	7
1867	MASHAGAMA LAKE	4655	8321	2CB02		41	663.4	.	81	7
1868	MASKINONGE LAKE	4647	8027	2DC02		45	1427.7	.	81	6
1869	MATCHINAMEIGUS LAKE	4809	8408	2BD10	ECHUM	47	667.7	3352.2	80	8
1870	MATHER LAKE	4622	8246	2CD07	BOLGER	41	106.9	.	81	2
1871	MATINENDA LAKE	4622	8257	2CD08	MACK	41	3864.7	.	78	7
1872	MATTHEWS LAKE	4856	8506	2BC11	MATTHEWS	47	570.4	.	80	8
1873	MCCARROLL LAKE	4626	8356	2CA04	MEREDITH	44	197.6	.	80	6
1874	MCCARTHY LAKE	4619	8228	2CD02	DEAGLE	41	657.9	.	79	9
1875	MCCHARLES LAKE	4623	8115	2C	GRAHAM	45	.	.	82	5
1876	MCCOLLOUGH LAKE	4708	8419	2BF06	OLSEN	44	34.0	.	85	2
1877	MCCONNELL LAKE	4644	7921	2JE12		43	207.4	.	81	7
1878	MCCOOL LAKE	4627	8225	2CD02	GAIASHK	42	132.4	.	80	9
1879	MCCORMICK LAKE	4813	8453	2BD05	LALIBERT	47	145.4	.	80	8
1880	MCCORMICK LAKE	4813	8453	2BD05	LALIBERT	47	.	.	85	2
1881	MCCREA LAKE	4635	8100	2CF11	BLEZARD	45	16.3	.	79	8

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1857	21	6.940	142.0	36.0	.	.	.	.	.	.	.	.	.	.	.
1858	30	6.400	78.0	35.0	.	.	.	.	.	.	.	.	.	.	.
1859	14	5.720	10.0	23.0	.	.	.	.	.	.	.	.	.	.	.
1860	26	7.221	498.0	80.0	.	.	9.8	11.3	2.55	1.16	0.60	9.65	0.038	0.014	.
1861	17	7.054	447.8	245.0	.	26.5	7.5	11.5	2.40	31.70	0.66	5.90	0.030	0.017	.
1862	7	4.600	-18.0	29.0	.	.	.	.	.	.	.	.	.	.	.
1863	11	4.703	-100.0	31.0	.	98.0	11.7	2.6	0.54	0.30	0.62	6.81	0.510	0.064	.
1864	7	6.550	34.0	32.0	.	.	.	.	.	.	.	.	.	.	.
1865	7	6.173	51.0	26.0	.	60.0	8.7	3.7	0.52	0.46	0.12	4.94	0.120	0.022	.
1866	4	5.510	32.0	32.0	.	.	.	.	.	.	.	.	.	.	.
1867	22	7.460	284.0	51.0	.	.	2.4	5.6	1.70	0.70	0.35	8.50	0.017	0.006	0.03
1868	16	6.140	13.2	42.0	-0.5	.	1.8	4.0	0.90	0.60	0.35	14.00	0.060	0.088	0.02
1869	25	7.150	238.0	44.0	.	.	.	.	.	.	.	.	.	.	.
1870	17	6.780	52.0	39.0	.	.	.	.	.	.	.	.	.	.	.
1871	.	6.720	65.2	.	.	.	.	.	.	.	.	.	.	.	.
1872	22	8.080	1338.0	111.0	.	.	.	.	.	.	.	.	.	.	.
1873	12	7.110	142.0	45.0	.	.	.	.	.	.	.	.	.	.	.
1874	.	6.750	110.0	148.0	.	.	.	.	.	.	.	.	.	.	.
1875	20	6.900	121.6	167.0	34.7	.	.	.	.	.	.	.	.	.	.
1876	8	6.867	135.6	31.0	.	29.0	5.1	4.9	0.48	0.46	0.28	4.40	0.047	0.009	.
1877	23	7.450	223.0	41.0	7.6	.	1.9	4.6	1.10	0.80	0.60	6.50	0.002	0.008	0.03
1878	3	6.910	54.0	33.0	.	.	.	.	.	.	.	.	.	.	.
1879	2	6.980	216.0	64.0	.	.	.	.	.	.	.	.	.	.	.
1880	11	7.009	226.6	56.0	.	48.0	8.1	7.6	1.02	1.16	0.66	9.22	0.080	0.009	.
1881	22	6.150	12.0	130.0	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1882	MCCREA LAKE	4822	8530	2BC10	UNORGANIZED	47	103.4	.	80	8
1883	MCDOUGAL LAKE (BIG MCDOUG	4643	7914	2JE01	WYSE	43	90.3	.	85	2
1884	MCEWEN LAKE	4738	8408	2BE11	BEAUPARLANT	47	91.9	.	80	7
1885	MCFARLANE LAKE	4625	8059	2CF05	BRODER	45	140.7	.	78	7
1886	MCGILL LAKE	4855	8530	2BC01	MCGILL	47	138.0	.	85	2
1887	MCGOVERN LAKE	4705	8420	2BF06	OLSEN	44	48.6	.	81	5
1888	MCGOWAN LAKE	4658	8034	2DC01	SHEPPARD	45	102.2	.	79	7
1889	MCGRINDLE LAKE	4654	8112	2CF16		45	132.9	.	81	7
1890	MCMAHON LAKE	4632	8348	2CA11	ABERDEEN	44	217.1	.	79	5
1891	MCMASTER LAKE	4823	8513	2BD02	MEMASKWOSH	47	72.3	.	85	2
1892	MCMURTY LAKE	4814	8413	2BD06	BRUYERE	47	156.3	.	85	2
1893	MCQUABY LAKE	4602	7934	2DD25	NIPISSING	43	226.8	.	82	5
1894	MCQUOWN LAKE	4826	8503	2BC01	ALANEN	47	115.9	.	85	2
1895	MEATH LAKE	4823	8408	2BD06	MEATH	47	196.3	.	85	2
1896	MEDHURST LAKE (ORANGE)	4826	8441	2BD05	CARMODY	47	317.1	.	85	2
1897	MEENACH LAKE	4706	8413	2BF06	DAVIEAUX	44	76.8	.	85	2
1898	MEGISAN LAKE	4715	8332	2CB02		44	628.2	.	81	7
1899	MEGIT LAKE	4759	8440	2BD06	MCMURRAY	47	10.4	.	85	2
1900	MELLON LAKE	4628	8237	2CD02	BOUCK	41	13.4	.	78	7
1901	MEMESAGAMESING LAKE	4600	8000	2DD05	HARDY	43	1099.6	.	82	5
1902	MENDELSSOHN LAKE	4732	8012	2JD01		46	438.6	.	81	7
1903	MENZIE LAKE	4728	8435	2BE04	GREENWOOD	47	10.8	.	81	7
1904	MEREDITH LAKE	4629	8355	2CA04	MEREDITH	44	302.9	.	80	6
1905	METIVIER LAKE	4644	8357	2BF03	WHITMAN	44	21.9	.	80	8
1906	MEWBURN LAKE	4652	8258	2CC07	WINKLER	41	264.9	.	81	9

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1882	22	6.910	262.0	55.0	.	.	.	.	.	.	.	.	.	.	.
1883	25	7.255	283.2	54.0	.	40.0	5.6	6.8	1.70	0.76	0.76	8.10	0.027	0.006	.
1884	4	6.750	90.0	31.0	.	.	.	.	.	.	.	.	.	.	.
1885	.	7.800	351.0	.	.	.	.	.	.	.	.	.	.	.	.
1886	18	7.572	1664.8	170.0	.	47.5	11.2	27.1	6.50	0.60	0.28	3.76	0.002	0.009	.
1887	6	6.900	264.0	.	.	.	.	.	.	.	.	.	.	.	.
1888	29	6.600	42.0	53.0	.	.	.	.	.	.	.	.	.	.	.
1889	28	6.340	39.6	40.0	45.4	.	6.8	3.2	1.00	0.70	0.45	10.00	0.075	0.042	0.17
1890	.	7.200	229.0	46.0	.	.	.	.	.	.	.	.	.	.	.
1891	17	7.825	1510.2	157.0	.	9.0	3.6	24.5	4.95	1.00	0.60	4.77	0.010	0.004	.
1892	16	7.045	282.0	53.0	.	35.5	7.0	7.2	1.40	0.80	0.50	7.56	0.029	0.007	.
1893	19	6.323	24.0	30.3	15.1	.	.	2.2	0.62	.	.	7.80	.	.	.
1894	17	7.223	559.6	73.0	.	26.0	6.0	9.7	2.25	1.00	0.46	5.87	0.016	0.078	.
1895	16	7.794	1294.4	150.0	.	19.0	5.7	20.7	6.00	0.96	0.92	9.26	0.000	0.005	.
1896	14	6.815	300.8	52.0	.	31.5	6.5	6.6	1.60	0.80	.	6.15	0.060	0.015	.
1897	8	7.081	228.4	41.0	.	18.5	5.4	6.7	0.64	0.46	0.18	5.32	.	0.010	.
1898	22	6.840	219.4	47.0	36.4	.	5.9	5.4	1.40	0.80	0.40	9.50	0.054	0.012	0.05
1899	9	7.981	1098.8	142.0	.	14.5	3.4	21.4	3.04	1.60	1.92	10.90	0.015	0.008	.
1900	.	5.180	3.6	.	.	.	.	.	.	.	.	.	.	.	.
1901	14	6.068	43.6	34.1	31.3	.	.	2.8	0.96	.	.	8.40	.	.	.
1902	8	6.430	43.6	40.0	10.3	.	3.2	3.4	2.50	0.80	0.45	11.00	0.036	0.014	0.02
1903	1	5.320	6.0	23.0	.	.	.	.	.	.	.	.	.	.	.
1904	12	7.230	120.0	35.0	.	.	.	.	.	.	.	.	.	.	.
1905	25	5.950	54.0	32.0	.	.	.	.	.	.	.	.	.	.	.
1906	10	6.650	98.0	35.0	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1907	MICHAUD LAKE	4649	8114	2CF16		45	147.6	.	81	7
1908	MICHI LAKE	4745	8554	2BC12	UNORGANIZED	47	126.3	.	81	8
1909	MIDDLE PANCAKE LAKE	4706	8436	2BF04	NICOLET	44	80.2	.	85	2
1910	MIDDLETON LAKE	4815	8437	2BD05	ABOTOSSAWAY	47	.	.	80	9
1911	MIJINEMUNGSHING LAKE	4742	8442	2BD07	STONE	47	589.0	.	81	6
1912	MIJINEMUNGSHING LAKE	4742	8442	2BD07	STONE	47	.	.	85	2
1913	MIKANO LAKE	4851	8520	2BC11	MIKANO	47	129.0	.	78	8
1914	MILDRED LAKE	4804	8441	2BD05	CHABANEL	47	69.3	.	78	6
1915	MILE LAKE	4748	8439	2BD07	REDSKY	47	59.7	.	85	2
1916	MILLERD LAKE	4616	8057	2DB02		45	176.7	.	81	6
1917	MILTON LAKE	4555	7952	2DD14	MILLS	43	28.3	.	78	7
1918	MINISTIC LAKE	4634	8134	2CF10	ERMATINGER	45	567.6	.	82	5
1919	MINTO LAKE	4758	8445	2BD06	MCMURRAY	47	3.4	.	81	6
1920	MIRIMOKI LAKE	4739	8441	2BD07	BARAGER	47	102.1	.	81	7
1921	MISHEWAWA LAKE	4752	8442	2BE01	REDSKY	47	202.2	.	85	2
1922	MISHI LAKE	4805	8521	2BD02	UNORGANIZED	47	222.8	.	80	8
1923	MISHI LAKE	4805	8521	2BD02	UNSURVEYED	47	.	.	85	2
1924	MISHIBISHU LAKE	4805	8525	2BD02	UNORGANIZED	47	837.5	.	81	8
1925	MISHIBISHU LAKE	4805	8525	2BD02	UNSURVEYED	47	.	.	85	2
1926	MISSING LAKE	4800	8529	2BD01	UNORGANIZED	47	44.1	.	80	6
1927	MITCHELL LAKE	4711	8419	2BF05	TRONSEN	44	54.7	.	85	2
1928	MODDER LAKE	4645	7923	2JE12	MCAUSLAN	43	6.7	.	85	2
1929	MOLYBDENITE LAKE	4803	8458	2BD04	ANDRE	47	93.6	.	78	8
1930	MOLYBDENITE LAKE	4803	8458	2BD04	ANDRE	47	.	.	85	2
1931	MOM LAKE	4733	8448	2BE03	BRIMACOMBE	47	1.9	.	81	6

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1907	28	5.420	0.4	33.0	12.6	.	2.4	2.0	0.90	0.60	0.40	9.00	0.120	0.058	0.06
1908	8	6.500	218.0	54.0	.	.	.	.	.	.	.	.	.	.	.
1909	7	6.468	70.6	26.0	.	50.0	6.8	3.5	0.54	0.70	0.32	4.52	0.074	0.035	.
1910	6	7.510	362.0	76.0	.	.	.	.	.	.	.	.	.	.	.
1911	30	6.400	60.0	38.0	.	.	.	.	.	.	.	.	.	.	.
1912	10	6.525	56.2	25.0	.	24.5	4.5	3.2	0.48	0.50	0.34	4.95	0.065	0.008	.
1913	.	8.190	1220.0	.	.	.	.	.	.	.	.	.	.	.	.
1914	.	7.800	627.0	.	.	.	.	.	.	.	.	.	.	.	.
1915	10	6.839	91.8	30.0	.	41.0	5.5	3.9	0.72	0.70	0.38	5.57	0.110	0.011	.
1916	15	6.610	67.6	54.0	20.2	.	5.6	4.0	1.80	1.20	0.65	15.50	0.057	0.022	0.07
1917	.	6.260	55.0	.	.	.	.	.	.	.	.	.	.	.	.
1918	26	6.674	42.4	34.1	14.4	.	.	2.8	0.68	.	.	8.30	.	.	.
1919	9	7.320	684.0	56.0	.	.	.	.	.	.	.	.	.	.	.
1920	7	6.280	40.0	33.0	.	.	.	.	.	.	.	.	.	.	.
1921	10	7.244	222.0	46.0	.	33.0	6.6	6.5	1.02	0.70	0.40	7.21	0.063	0.008	.
1922	27	6.920	148.0	42.0	.	.	.	.	.	.	.	.	.	.	.
1923	11	6.961	148.2	36.0	.	10.5	3.4	4.8	0.70	0.26	0.22	5.87	0.028	0.004	.
1924	8	6.490	124.0	46.0	.	.	.	.	.	.	.	.	.	.	.
1925	11	6.953	137.4	35.0	.	13.5	3.7	4.8	0.68	0.30	0.22	5.89	0.044	0.004	.
1926	21	6.910	82.0	24.0	.	.	.	.	.	.	.	.	.	.	.
1927	8	6.701	96.2	29.0	.	20.0	3.4	3.6	0.70	0.70	0.38	5.20	0.130	0.016	.
1928	25	7.694	1261.4	140.0	.	12.0	3.8	19.9	4.95	0.66	0.96	7.45	0.005	0.040	.
1929	.	5.000	-29.8	.	.	.	.	.	.	.	.	.	.	.	.
1930	11	4.731	-100.0	28.0	.	47.0	6.4	1.9	0.46	0.40	0.42	6.88	0.450	0.076	.
1931	5	6.200	120.0	22.0	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
1932	MONGOOSE LAKE	4710	8412	2BF05	VIBERT	44	117.7	.	81	8
1933	MONTREAL RIVER HARBOUR	4714	8439	2BE08	RIX	47	.	.	81	6
1934	MONTREUIL LAKE (BIG TROUT	4626	7854	2JE01	MATTAWAN	43	19.4	.	85	2
1935	MOON LAKE	4624	8254	2CD08	TIMMERMANS	41	445.5	.	81	2
1936	MOONSHINE LAKE	4646	8236	2CC05	VANCE	41	14.8	.	80	6
1937	MOOSE LAKE	4635	7925	2JE13	STEWART	43	98.3	.	85	2
1938	MOOSE LAKE	4750	8453	2BE01	LARONDE	47	.	.	81	6
1939	MORAN LAKE	4801	8446	2BD05	MCHURRAY	47	18.3	.	78	6
1940	MORGAN LAKE	4640	8117	2CF16	MORGAN	45	42.8	.	80	1
1941	MORRISON LAKE	4700	8349	2BF03	NAHWEGEZHIC	44	383.9	.	81	6
1942	MORRISON LAKE	4815	8428	2BD06	AGUONIE	47	110.6	.	85	2
1943	MOSAMBIK LAKE	4842	8432	2BD05	MOSAMBIK	47	1006.4	.	80	7
1944	MOSQUITOE LAKE	4633	8131	2CF10	CASCADEN	45	97.2	.	80	1
1945	MOUNT LAKE (MOUNTAIN)	4640	8244	2CC05		41	346.7	.	81	6
1946	MOUNTAIN LAKE	4633	8346	2CA03	MCMAHON	44	.	.	81	5
1947	MOUNTAIN LAKE	4714	7950	2JE15		46	221.6	2732.4	81	7
1948	MOUSSEAU LAKE (NL)	4640	8135	2CE05	HART	45	3.7	.	81	6
1949	MOZHABONG LAKE	4657	8205	2CE02		42	1521.6	.	81	7
1950	MUD LAKE	4643	8243	2CC05	SAGARD	41	14.3	.	81	6
1951	MUD LAKE	4736	8444	2BE03	BARAGER	47	.	.	81	6
1952	MUDHOLE LAKE	4717	8433	2BE05	PEEVER	47	.	.	81	6
1953	MULE LAKE	4652	8119	2CF16	TYRONE	45	47.9	.	80	7
1954	MURIEL LAKE	4603	8126	2CF03	KILLARNEY	45	22.6	.	78	5
1955	MURPHY LAKE (NL)	4743	8449	2BE01	TIERNAN	47	1.9	.	78	7
1956	MURRAY LAKE	4640	8026	2DC02	DAVIS	45	412.9	.	80	3

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1932	3	5.840	4.0	37.0	.	.	.	.	.	.	.	.	.	.	.
1933	17	7.330	744.0	56.0	.	.	.	.	.	.	.	.	.	.	.
1934	27	6.549	54.2	32.0	.	11.5	3.7	3.2	0.80	0.46	0.56	8.70	0.044	0.014	.
1935	26	6.100	-42.0	38.0	.	.	.	.	.	.	.	.	.	.	.
1936	23	7.600	268.0	54.0	.	.	.	.	.	.	.	.	.	.	.
1937	25	5.610	7.2	24.0	.	40.0	5.4	2.0	0.55	0.46	0.50	6.00	0.131	0.048	.
1938	15	6.880	246.0	197.0	.	.	.	.	.	.	.	.	.	.	.
1939	.	7.590	639.0	.	.	.	.	.	.	.	.	.	.	.	.
1940	.	5.630	10.6	38.0	.	.	.	.	.	.	.	.	.	.	.
1941	23	6.590	20.0	43.0	.	.	.	.	.	.	.	.	.	.	.
1942	16	7.540	622.8	97.0	.	16.5	6.0	14.8	2.80	0.70	0.30	14.35	0.002	0.006	.
1943	25	7.710	812.0	102.0	.	.	.	.	.	.	.	.	.	.	.
1944	.	5.970	42.4	.	.	.	.	.	.	.	.	.	.	.	.
1945	17	7.000	126.8	41.0	6.3	.	3.4	3.8	1.00	0.90	0.35	8.50	0.010	0.008	0.06
1946	21	7.180	108.0	.	.	.	.	.	.	.	.	.	.	.	.
1947	1	7.310	274.8	62.0	10.8	.	4.6	6.6	1.65	0.90	0.35	12.00	0.021	0.004	0.01
1948	24	5.780	10.0	53.0	.	.	.	.	.	.	.	.	.	.	.
1949	2	6.520	37.8	32.0	6.8	.	3.4	2.2	0.80	0.90	0.30	8.50	0.025	0.014	0.05
1950	25	6.250	134.0	37.0	.	.	.	.	.	.	.	.	.	.	.
1951	18	5.370	6.0	28.0	.	.	.	.	.	.	.	.	.	.	.
1952	15	6.000	44.0	32.0	.	.	.	.	.	.	.	.	.	.	.
1953	26	6.070	56.0	44.0	.	.	.	.	.	.	.	.	.	.	.
1954	.	5.290	4.0	.	.	.	.	.	.	.	.	.	.	.	.
1955	.	6.800	178.0	.	.	.	.	.	.	.	.	.	.	.	.
1956	.	5.730	14.0	51.0	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH	DAY
1957	MURRAY LAKE	4814	8409	2BD06	BRUYERE	47	970.6	.	80	8	25
1958	MYSTERY LAKE (NL)	4820	8443	2BD05	DUMAS	47	10.0	.	80	8	1
1959	NAMEIBIN LAKE	4839	8402	4LH06	MOOREHOUSE	47	83.1	.	84	2	16
1960	NAMEIGOS LAKE	4847	8443	4JA04	NAMEIGOS	47	1322.1	.	80	7	10
1961	NANCY LAKE (NL)	4802	8451	28D05	BAILLOQUET	47	.	.	80	7	28
1962	NED LAKE	4609	8108	2CF03	SALE	45	18.0	411.0	82	10	13
1963	NEGWAZU LAKE (NL)	4828	8500	2BC01	MCGOWAN	47	.	.	80	9	8
1964	NELLIE LAKE	4607	8130	2CF05		45	232.5	.	81	7	13
1965	NELSON LAKE	4644	8105	2CF13		45	316.1	.	81	7	28
1966	NEPEWASSI LAKE	4622	8038	2D	BURNWASH	45	.	.	82	5	17
1967	NET LAKE	4706	7946	2JE15	STRATHCONA	46	711.1	42397.7	78	10	.
1968	NEZWA LAKE	4754	8449	2BE01	RABAZO	47	22.4	.	85	2	10
1969	NIGICK LAKE	4702	8254	2CB01	MORNINGSTAR	41	156.1	.	81	8	15
1970	NL	4649	8257	2CB01	WINKLER	41	.	.	81	7	15
1971	NL	4653	8212	2C	DURBAN	42	.	.	82	7	27
1972	NL	4659	8215	2C	DURBAN	42	.	.	82	7	27
1973	NL	4701	8215	2C	DURBAN	42	.	.	82	7	27
1974	NL (B1)	4612	8104	2CF03	HALIFAX	45	20.0	160.0	82	10	12
1975	NL (F12)	4606	8102	2CF03	KILPATRICK	45	16.0	90.0	82	10	12
1976	NL (F16)	4606	8104	2CF03	KILPATRICK	45	1.8	80.0	82	10	12
1977	NL (F21)	4608	8102	2CF03	ATTLEE	45	2.0	55.0	82	10	12
1978	NL (J1)	4608	8109	2CF03	SALE	45	4.0	36.0	82	10	13
1979	NL (K13)	4610	8110	2CF03	SALE	45	11.0	262.0	82	10	13
1980	NL (K15)	4610	8110	2CF03	SALE	45	12.0	90.0	82	10	13
1981	NL (K26)	4606	8112	2CF03	CARLYLE	45	11.0	71.0	82	10	13

OBS	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1957	7.050	210.0	57.0	.	.	.	.	.	.	.	.	.	.	.
1958	6.300	206.0	3[illegible].0	.	.	.	.	.	.	.	.	.	.	.
1959	7.145	19999.8	58.8	36.5	.	8.4	7.5	1.96	0.50	0.26	4.61	0.041	0.010	.
1960	8.060	1328.0	109.0	.	.	.	.	.	.	.	.	.	.	.
1961	7.190	348.0	65.0	.	.	.	.	.	.	.	.	.	.	.
1962	4.438	-45.4	34.0	27.5	.	.	1.5	0.54	0.55	0.30	8.90	0.250	.	.
1963	7.340	590.0	79.0	.	.	.	.	.	.	.	.	.	.	.
1964	4.500	-35.2	44.0	1.4	.	0.1	2.4	0.60	0.40	0.25	13.00	0.540	0.244	0.07
1965	6.710	30.8	43.0	2.6	.	1.7	3.8	0.95	0.70	0.45	11.50	0.028	0.010	0.01
1966	6.794	19999.8	54.4	37.0	.	.	4.8	1.94	.	.	12.10	.	.	.
1967	6.810	311.0	.	.	.	.	.	.	.	.	.	.	.	.
1968	7.733	90[illegible].0	110.0	.	7.5	3.5	18.7	2.04	0.76	0.58	8.08	0.000	0.012	.
1969	7.200	138.0	45.0	.	.	.	.	.	.	.	.	.	.	.
1970	6.500	76.0	39.0	.	.	.	.	.	.	.	.	.	.	.
1971	5.315	-1.2	18.0	2.6	.	.	.	.	.	.	.	0.060	.	.
1972	7.300	114.4	37.0	43.7	.	.	.	.	.	.	.	0.100	.	.
1973	6.375	162.2	44.0	29.9	.	.	4.2	1.06	.	.	7.30	0.054	0.089	.
1974	6.361	50.2	42.0	22.1	.	.	3.1	1.34	0.95	0.58	11.90	0.038	.	.
1975	6.405	47.8	38.0	11.8	.	.	3.1	1.00	0.90	0.44	10.40	0.033	.	.
1976	5.617	28.8	36.0	75.5	.	.	2.1	1.06	1.10	0.74	9.00	0.260	.	.
1977	4.538	-36.8	33.0	22.5	.	.	1.5	0.68	0.55	0.26	8.80	0.270	.	.
1978	5.096	-8.0	28.0	31.4	.	.	1.6	0.54	0.65	0.34	7.50	0.190	.	.
1979	5.616	19.8	40.0	76.4	.	.	3.0	1.20	0.80	0.62	11.30	0.170	.	.
1980	5.319	-4.0	52.0	8.1	.	.	3.9	1.46	0.70	0.48	17.00	0.092	.	.
1981	4.921	-13.8	32.0	17.6	.	.	1.7	0.64	0.60	0.54	9.20	0.180	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH	DAY
1982	NL (K33)	4602	8115	2CF03	CARLYLE	45	0.2	.	82	10	13
1983	NL (K40)	4605	8116	2CF03	CARLYLE	45	10.0	53	82	10	13
1984	NL (K43)	4606	8115	2CF03	CARLYLE	45	2.0	52	82	10	13
1985	NL (K45)	4607	8114	2CF03	GOSCHEN	45	10.0	8357	82	10	14
1986	NL (K47)	4607	8116	2CF03	CARLYLE	45	3.0	138	82	10	14
1987	NL (K52)	4609	8115	2CF03	GOSCHEN	45	4.0	34	82	10	14
1988	NL (K54)	4609	8118	2CF03	GOSCHEN	45	13.0	379	82	10	14
1989	NL (K6)	4610	8113	2CF03	GOSCHEN	45	7.0	25	82	10	14
1990	NL (K67)	4608	8114	2CF03	GOSCHEN	45	5.0	160	82	10	14
1991	NL (K72)	4608	8114	2CF03	GOSCHEN	45	5.0	51	82	10	14
1992	NL (K73)	4609	8113	2CF03	GOSCHEN	45	9.0	513	82	10	14
1993	NL (L2)	4606	8111	2CF03	HUMBOLDT	45	11.0	246	82	10	13
1994	NL (L3)	4606	8110	2CF03	HUMBOLDT	45	8.0	326	82	10	13
1995	NL (N1)	4604	8110	2CF03	HUMBOLDT	45	10.0	90	82	10	13
1996	NL (P2)	4604	8108	2CF03	HUMBOLDT	45	11.0	126	82	10	13
1997	NL (P8)	4603	8110	2CF03	HUMBOLDT	45	9.0	172	82	10	13
1998	NL (Q1)	4602	8107	2CF03	HUMBOLDT	45	47.0	250	82	10	13
1999	NL (Q8)	4602	8110	2CF03	HUMBOLDT	45	30.0	1012	82	10	13
2000	NL (R1)	4612	8106	2CF03	BEVIN	45	3.0	124	82	10	12
2001	NOBLE LAKE	4636	7933	2DC04	NOTMAN	43	94.5	.	85	2	26
2002	NOISY LAKE	4749	8453	2BE01	LARONDE	47	4.6	.	85	2	10
2003	NORTH HUBERT LAKE	4720	8427	2BE05	LARSON	47	33.8	.	85	2	9
2004	NORTH MASKUTI LAKE	4707	8300	2CB01	LAUGHREN	41	300.3	.	79	7	19
2005	NORTH SPRUCE LAKE	4641	7932	2DC04	HAMMELL	43	356.2	.	85	2	26
2006	NORTH TILLEY LAKE	4701	8423	2BF06	WISHART	44	164.6	.	85	2	8

OBS	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
1982	5.672	22.0	30.0	54.5	.	.	1.4	0.98	0.95	0.80	7.70	0.070	.	.
1983	5.105	-8.0	39.0	37.1	.	.	2.9	0.94	0.75	0.28	11.30	0.120	.	.
1984	4.343	-59.6	39.0	16.9	.	.	1.0	0.38	0.30	0.16	9.20	0.810	.	.
1985	5.343	-2.6	37.0	14.4	.	.	2.4	0.86	0.70	0.48	11.30	0.120	.	.
1986	4.564	-33.6	33.0	7.5	.	.	1.3	0.40	0.35	0.14	9.00	0.430	.	.
1987	4.550	-35.0	28.0	63.3	.	.	1.1	0.44	0.45	0.36	6.20	0.150	.	.
1988	4.695	-25.2	32.0	9.2	.	.	1.4	0.50	0.45	0.20	8.80	0.240	.	.
1989	5.611	4.8	31.0	9.8	.	.	2.1	0.72	0.65	0.42	9.00	0.080	.	.
1990	4.085	-98.8	45.0	125.5	.	.	1.9	0.50	0.40	0.20	7.80	0.030	.	.
1991	4.325	-57.8	51.0	10.7	.	.	1.9	0.68	0.70	0.24	12.90	0.380	.	.
1992	4.423	-46.0	41.0	23.1	.	.	1.6	0.56	0.60	0.22	10.10	0.250	.	.
1993	4.903	-13.2	34.0	68.2	.	.	1.8	0.74	0.85	0.32	8.80	0.250	.	.
1994	4.996	-9.4	32.0	1.5	.	.	1.8	0.72	0.85	0.40	8.30	0.220	.	.
1995	5.390	6.8	40.0	38.5	.	.	1.9	0.80	2.15	0.46	8.90	0.140	.	.
1996	5.182	-6.2	30.0	16.4	.	.	1.7	0.74	0.80	0.36	8.80	0.130	.	.
1997	5.342	4.8	33.0	72.4	.	.	2.0	0.94	0.90	0.58	8.50	0.170	.	.
1998	5.651	4.2	30.0	3.3	.	.	1.9	0.76	0.80	0.40	8.90	0.050	.	.
1999	5.927	15.4	34.0	16.0	.	.	2.2	0.96	0.90	0.52	9.60	0.070	.	.
2000	4.706	-24.8	49.0	65.7	.	.	3.3	1.00	1.20	0.32	12.80	0.310	.	.
2001	5.459	3.8	25.0	.	.	7.0	2.2	0.55	0.56	0.50	6.00	0.146	0.054	.
2002	7.485	415.2	81.0	.	31.0	6.0	11.0	1.38	2.46	0.48	8.98	0.031	0.010	.
2003	5.574	49.2	17.7	.	5.5	2.2	2.0	0.32	0.40	0.24	4.56	0.120	0.030	.
2004	7.450	190.0	49.0	.	.	.	.	.	.	.	.	.	.	.
2005	5.543	18.6	32.0	.	.	15.0	3.4	0.95	0.66	0.50	6.95	0.279	0.076	.
2006	6.986	213.8	42.0	.	18.0	3.5	6.0	0.74	0.66	0.30	5.28	.	0.010	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH	DAY
2007	NORTH YORSTON LAKE	4717	8039	2DC07	PARKER	46	50.2	.	79	6	22
2008	NORTHLAND LAKE	4642	8407	2BF03	DEROCHE	44	91.1	.	80	6	19
2009	NORWAY LAKE	4645	7915	2JE01	WYSE	43	8.3	.	85	2	25
2010	NORWAY LAKE	4605	8118	2CF03	KILLARNEY	45	60.5	.	80	3	.
2011	NOSBONSING LAKE	4614	7913	2J	EAST FERRIS	43	.	.	82	5	17
2012	NOX LAKE (NL)	4711	8050	2DC01	HAENTSCHEL	45	35.9	.	80	6	14
2013	O.S.A. LAKE	4603	8124	2CF03		45	291.6	.	81	7	13
2014	OBA LAKE	4840	8416	4JA02	SIMPSON	47	2457.1	.	80	7	10
2015	OBABIKA LAKE	4705	8017	2DC08		46	3157.5	.	81	7	1
2016	OBATANGA LAKE	4821	8507	2BD02	ALANEN	47	313.1	.	85	2	17
2017	ODAMBI LAKE	4754	8433	2BD07	NEBONAIONQUET	47	20.7	.	85	2	10
2018	OGANEK LAKE	4833	8508	2BC01	ABRAHAM	47	54.9	.	85	2	17
2019	OGAS LAKE	4747	8441	2BD07	REDSKY	47	197.8	.	81	8	19
2020	OGASIWI LAKE (DALTON)	4812	8400	2BD10	ECHUM	47	413.6	.	85	2	15
2021	OKOKO LAKE	4830	8519	2BC01	MCDOWELL	47	143.1	.	85	2	17
2022	OLD WOMAN LAKE	4712	8406	2BF06	VIBERT	44	12.0	.	85	2	7
2023	OLD WOMAN LAKE	4737	8443	2BE03	BARAGER	47	261.5	.	81	6	30
2024	OLD WOMAN LAKE	4737	8443	2BE03	BARANGER	47	.	.	85	2	10
2025	OLGA LAKE	4853	8539	2BC01	UNSURVEYED	47	.	.	85	2	18
2026	OLMSTEAD LAKE	4622	7903	2JE02	OLRIG	43	27.1	.	85	2	27
2027	OMPA LAKE	4633	8242	2CD02	HEMBRUFF	41	59.5	.	78	7	.
2028	ONE ISLAND LAKE	4827	8530	2BC10	UNSURVEYED	47	53.2	.	85	2	17
2029	ONWATIN LAKE	4641	8057	2D	CAPREOL	45	.	.	82	5	18
2030	OPECHEE LAKE	4647	7950	2DC06	SISK	43	181.0	.	85	2	26
2031	ORTONA LAKE	4629	8214	2CE09	LOCHEYER	42	62.9	.	80	9	3

OBS	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
2007	4.990	-16.0	40.0	.	.	.	.	.	.	.	.	.	.	.
2008	6.350	34.0	35.0	.	.	.	.	.	.	.	.	.	.	.
2009	6.787	108.6	38.0	.	10.0	2.6	3.9	1.05	0.76	0.52	8.75	0.015	0.006	.
2010	4.790	-17.6	38.0	.	.	.	.	.	.	.	.	.	.	.
2011	7.150	19999.8	53.0	21.9	.	.	5.5	1.58	.	.	7.10	.	.	.
2012	5.100	-6.0	58.0	.	.	.	.	.	.	.	.	.	.	.
2013	4.650	-24.2	42.0	.	.	0.3	2.8	0.70	.	.	.	0.230	.	.
2014	7.490	672.0	98.0	.	.	.	.	.	.	.	.	.	.	.
2015	6.730	83.6	46.0	2.3	.	3.0	4.2	1.20	0.90	0.50	12.50	0.034	0.010	0.05
2016	7.001	460.0	76.0	.	71.0	10.7	9.1	2.30	2.70	0.38	4.75	0.055	0.017	.
2017	7.708	534.4	76.0	.	22.5	3.5	10.4	1.98	1.00	0.74	7.27	0.039	0.007	.
2018	8.060	1423.6	154.0	.	16.5	4.7	24.0	4.90	1.46	0.48	5.27	0.006	0.006	.
2019	6.230	134.0	46.0	.	.	.	.	.	.	.	.	.	.	.
2020	7.379	462.6	68.0	.	48.5	7.6	9.2	2.40	0.80	0.54	6.78	0.058	0.008	.
2021	7.412	896.0	103.0	.	47.0	7.8	16.1	3.35	0.96	0.38	4.52	0.042	0.045	.
2022	6.505	168.8	39.0	.	99.0	12.0	6.4	0.72	0.50	0.16	5.02	0.160	0.030	.
2023	6.000	22.0	32.0	.	.	.	.	.	.	.	.	.	.	.
2024	6.251	27.4	24.0	.	20.0	3.7	2.8	0.42	0.46	0.34	4.84	0.100	0.008	.
2025	7.499	1712.2	177.0	.	24.5	8.3	28.0	6.30	0.70	0.40	4.41	0.009	0.008	.
2026	5.734	12.2	25.0	.	44.0	5.7	2.3	0.55	0.46	0.52	6.70	0.134	0.069	.
2027	5.400	11.2	.	.	.	.	.	.	.	.	.	.	.	.
2028	6.906	262.8	46.0	.	41.5	6.9	6.1	1.40	0.80	0.28	5.29	0.108	0.011	.
2029	6.747	192.6	56.9	30.3	.	.	5.8	1.41	.	.	12.10	.	.	.
2030	7.489	484.4	105.0	.	.	7.0	10.6	2.75	5.30	0.70	9.35	0.019	0.007	.
2031	6.790	62.0	28.0	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
2032	OSBOURNE LAKE	4652	8110	2CF14	KITCHENER	45	112.1	.	80	2
2033	OSKABUKUTA LAKE	4834	8539	2BC03	UNSURVEYED	47	118.3	.	85	2
2034	OTTER LAKE	4624	7919	2JE09	WIDDIFIELD	43	80.2	.	85	2
2035	PAINT LAKE	4814	8505	2BD02	KILLINS	47	61.2	.	85	2
2036	PAKOAHAGA LAKE	4842	8528	2BC01	BRYANT	47	43.3	.	78	8
2037	PANCAKE LAKE	4705	8437	2BF04	KINCAID	44	238.4	.	85	2
2038	PANCAKE LAKE	4653	7945	2DC07	MILNE	46	8.6	.	79	7
2039	PAPINEAU LAKE	4613	7845	2JE05	PAPINEAU	43	217.1	.	82	5
2040	PAQUETTE LAKE	4645	8353	2CA02	WHITMAN	44	19.0	.	80	6
2041	PARDEE LAKE	4623	8232	2CD02	JOUBIN	41	6.7	.	79	6
2042	PARKIN LAKE	4653	8052	2DA02		45	107.4	.	81	7
2043	PARKS LAKE	4807	8437	2BD05	CORBIERE	47	31.5	.	79	9
2044	PATH LAKE	4700	8140	2CF16		45	186.0	.	81	8
2045	PATTEN LAKE	4632	8346	2CA11	MCMAHON	44	243.0	.	79	5
2046	PATTER LAKE	4709	8343	2BF03	GAUDRY	44	222.6	.	80	5
2047	PEAK LAKE	4619	8250	2CD06	MACK	41	94.8	.	81	3
2048	PEAR LAKE (N.	4623	8233	2CD02	JOUBIN	41	7.2	.	79	6
2049	PEDRO LAKE	4655	8032	2DC01		45	63.8	.	81	8
2050	PENELOPE LAKE	4625	8238	2CD07	GUNTERMAN	41	.	.	79	8
2051	PENELOPE LAKE	4650	8330	2CA02	SNOW	44	175.8	.	81	8
2052	PERRON LAKE	4622	7901	2JE08	OLRIG	43	47.8	.	85	2
2053	PERRY LAKE	4813	8437	2BD05	ABOTOSSAWAY	47	30.4	.	79	9
2054	PERRYS LAKE	4831	8523	2BC10	UNSURVEYED	47	39.9	.	85	2
2055	PESHU LAKE	4658	8308	2CB03		41	388.8	.	81	6
2056	PETAUGUIN LAKE	4631	8340	2CA11	GALBRAITH	41	85.1	.	80	8

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
2032	.	5.730	35.6	41.0	.	.	.	.	.	.	.	.	.	.	.
2033	17	7.361	903.2	106.0	.	15.0	5.0	16.4	3.20	0.90	0.40	5.72	0.007	0.009	.
2034	25	6.302	47.0	27.0	.	39.5	9.9	2.6	0.55	0.90	0.56	5.50	0.053	0.021	.
2035	11	7.040	331.8	57.0	.	43.5	7.7	8.7	1.18	0.56	0.40	6.53	0.061	0.017	.
2036	.	8.100	1030.0	.	.	.	.	.	.	.	.	.	.	.	.
2037	7	6.898	121.8	31.0	.	37.5	5.1	4.0	0.70	0.86	0.30	4.74	0.058	0.010	.
2038	9	6.700	144.0	75.0	.	.	.	.	.	.	.	.	.	.	.
2039	21	6.934	133.0	40.9	26.2	.	.	3.8	1.34	.	.	8.20	.	.	.
2040	16	7.150	348.0	74.0	.	.	.	.	.	.	.	.	.	.	.
2041	19	7.450	220.0	58.0	.	.	.	.	.	.	.	.	.	.	.
2042	21	5.810	10.2	36.0	5.8	.	2.7	2.8	0.85	0.60	0.40	12.00	0.079	0.054	0.05
2043	.	7.480	396.0	117.0	.	.	.	.	.	.	.	.	.	.	.
2044	12	5.810	16.0	34.0	7.6	.	3.2	2.8	0.75	0.80	0.30	9.00	0.045	0.030	0.04
2045	.	6.760	176.0	45.0	.	.	.	.	.	.	.	.	.	.	.
2046	15	6.600	74.0	.	.	.	.	.	.	.	.	.	.	.	.
2047	4	5.940	-64.0	32.0	.	.	.	.	.	.	.	.	.	.	.
2048	19	6.780	60.0	33.0	.	.	.	.	.	.	.	.	.	.	.
2049	11	5.880	5.2	39.0	11.7	.	2.3	3.6	0.80	0.60	0.35	12.00	0.017	0.032	0.05
2050	15	6.200	14.0	262.0	.	.	.	.	.	.	.	.	.	.	.
2051	3	7.230	170.0	129.0	.	.	.	.	.	.	.	.	.	.	.
2052	27	6.783	93.6	34.0	.	25.0	3.8	3.2	0.90	0.70	0.68	7.50	0.058	0.056	.
2053	.	7.410	417.0	91.0	.	.	.	.	.	.	.	.	.	.	.
2054	17	7.328	674.4	84.0	.	50.0	8.1	12.3	3.00	0.90	0.40	4.91	0.074	0.010	.
2055	17	7.330	197.0	43.0	.	.	3.8	4.4	1.35	0.90	0.35	7.50	0.011	0.004	0.02
2056	27	7.200	122.0	41.0	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
2057	PETER LAKE	4612	8113	2CF03	GOSCHEN	45	99.0	399	82	10
2058	PHELBIN LAKE	4642	8408	2BF03	JARVIS	44	15.8	.	81	5
2059	PICARD LAKE (PICKARD)	4649	8416	2BF03	TUPPER	44	54.7	.	80	5
2060	PICKLE LAKE	4814	8402	4LH01	COPENACE	47	222.4	.	81	7
2061	PICNIC LAKE	4836	8516	2BC01	HUNT	47	150.8	.	78	8
2062	PIGEON LAKE (NL)	4642	8102	2CF07	HANNER	45	17.0	.	80	6
2063	PIKE LAKE (NL)	4542	8013	2E	BASTEDO	43	.	.	82	5
2064	PILGRIM LAKE	4711	8041	2DC01		45	122.9	.	81	7
2065	PILOTS LAKE (LOST)	4835	8526	2BC10	KNOWLES	47	68.4	.	85	2
2066	PIPE LAKE	4706	8433	2BF04	NICOLET	44	30.0	.	85	2
2067	PIPE LAKE	4758	8543	2BC09	UNORGANIZED	47	.	.	80	6
2068	PISTOL LAKE	4621	8250	2CD08	MACK	41	71.4	.	80	7
2069	PIVOT LAKE	4808	8428	2BD06	COWIE	47	123.0	.	81	7
2070	PIVOT LAKE	4808	8428	2BD06	COWIE	47	.	.	85	2
2071	POEM LAKE (NL)	4703	8348	2BF03	NAHWEGEZHIC	44	36.0	.	81	5
2072	POINT LAKE	4707	8349	2BF03	GAUDRY	44	74.1	.	81	6
2073	POKEI LAKE	4825	8514	2BC01	MEHASKNOSH	47	793.0	.	80	7
2074	POLELINE LAKE (NL)	4636	8129	2CF16	CASCADEN	45	.	.	81	7
2075	POPLAR LAKE	4640	7937	2DC04	HAMHELL	43	.	.	85	2
2076	PORTELANCE LAKE	4648	8243	2CC05	TWEEDLE	41	.	.	80	8
2077	PRIMEAU LAKE	4639	8334	2CA11	SHINGWAUKONCE	41	117.5	.	80	8
2078	PRINCE LAKE	4634	8433	2BF02	PRINCE	44	46.6	.	80	6
2079	PRUGH LAKE (PINE)	4653	8418	2BF03	MARNE	44	51.2	.	85	2
2080	QUEMINICO LAKE (EAST)	4710	8437	2BF10	SMILSKY	44	111.0	.	85	2
2081	QUINBY LAKE	4622	8245	2CD07	BOLGER	41	.	.	80	8

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
2057	14	6.395	24.4	49.0	7.4	.	.	4.6	1.18	0.90	0.64	15.30	0.015	.	.
2058	21	6.300	22.0	.	.	.	.	.	.	.	.	.	.	.	.
2059	14	6.700	46.0	.	.	.	.	.	.	.	.	.	.	.	.
2060	6	6.520	240.0	68.0	.	.	.	.	.	.	.	.	.	.	.
2061	.	5.840	17.4	.	.	.	.	.	.	.	.	.	.	.	.
2062	11	5.900	12.0	44.0	.	.	.	.	.	.	.	.	.	.	.
2063	21	6.949	221.2	49.8	66.1	.	.	5.8	1.66	.	.	8.50	.	.	.
2064	7	5.200	-5.2	32.0	2.2	.	1.6	2.2	0.70	0.60	0.35	9.50	0.076	0.052	0.03
2065	17	8.021	1947.4	195.0	.	2.5	2.5	33.3	4.80	0.90	0.48	4.73	0.000	0.004	.
2066	7	6.509	56.4	21.0	.	15.5	3.0	2.7	0.38	0.60	0.32	4.48	0.059	0.015	.
2067	21	7.140	260.0	52.0	.	.	.	.	.	.	.	.	.	.	.
2068	17	6.000	12.0	27.0	.	.	.	.	.	.	.	.	.	.	.
2069	6	6.050	50.0	46.0	.	.	.	.	.	.	.	.	.	.	.
2070	16	6.579	78.8	39.0	.	13.5	4.5	4.1	0.95	0.80	0.46	10.18	0.051	0.010	.
2071	21	6.650	42.0	.	.	.	.	.	.	.	.	.	.	.	.
2072	13	6.400	24.0	45.0	.	.	.	.	.	.	.	.	.	.	.
2073	25	7.520	670.0	87.0	.	.	.	.	.	.	.	.	.	.	.
2074	25	6.050	16.0	31.0	.	.	.	.	.	.	.	.	.	.	.
2075	26	6.072	25.8	31.0	.	.	7.8	3.1	0.85	0.56	0.44	8.30	0.115	0.035	.
2076	22	6.800	94.0	26.0	.	.	.	.	.	.	.	.	.	.	.
2077	27	6.350	36.0	30.0	.	.	.	.	.	.	.	.	.	.	.
2078	18	6.820	120.0	48.0	.	.	.	.	.	.	.	.	.	.	.
2079	8	6.265	38.0	23.0	.	21.5	4.0	2.7	0.50	0.60	0.22	4.79	0.087	0.013	.
2080	7	7.292	393.2	52.0	.	8.5	3.9	6.8	1.56	1.00	0.50	4.44	0.008	0.008	.
2081	21	6.580	88.0	98.0	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH	DAY
2082	QUINTET LAKES	4708	8414	2BF06	OLSEN	44	72.9	.	81	8	3
2083	RABBIT LAKE	4700	7938	2JE15		46	2107.4	82960	81	7	23
2084	RAFT LAKE	4624	8057	2C	DILL	45	.	.	82	5	20
2085	RAGGED LAKE	4705	8348	2BF03	GAUDRY	44	41.7	.	85	2	7
2086	RAMSEY LAKE	4629	8057	2CF08	MCKIM	45	875.1	.	79	5	.
2087	RANGER LAKE	4654	8334	2CA02	REILLY	44	2255.9	.	81	6	12
2088	RANGER'S BAY	4606	8035	2D	FRENCH RIVER	45	.	.	82	5	12
2089	RANGERS LAKE	4627	8225	2CD02	LEHMAN	42	252.4	.	80	9	3
2090	RANKIN LAKE	4612	7834	2KA01	CAMERON	43	14.3	.	85	2	26
2091	RATTER LAKE	4630	8025	2D	RATTER	45	.	.	82	5	14
2092	RAVEN LAKE (NL)	4853	8517	2BC11	MAGONE	47	34.3	.	78	8	.
2093	RAVINE LAKE	4851	8540	2BC01	UNSURVEYED	47	125.4	.	85	2	18
2094	RAWHIDE LAKE	4639	8237	2CC05		41	654.9	.	81	8	5
2095	RAWSON LAKE	4655	8034	2DC02	SHEPPARD	45	158.6	.	79	8	28
2096	RED CEDAR LAKE	4645	7954	2DC06		43	2423.5	.	81	7	23
2097	RED LAKE	4645	8243	2CC05	TWEEDLE	41	8.8	.	81	7	5
2098	RED PINE LAKE	4658	8040	2DC02	DE MOREST	45	.	.	80	7	15
2099	RED ROCK LAKE	4743	8448	2BE01	TIERNAN	47	.	.	80	7	17
2100	REGAN LAKE	4714	8047	2DC01		45	122.2	.	80	1	9
2101	REGAN LAKE	4741	8418	2BE05	TABOBONDUNG	47	79.0	.	85	2	9
2102	RENNIE LAKE	4823	8358	2BD06	RENNIE	47	579.7	.	85	2	16
2103	RESTOULE LAKE	4603	7946	2DD06		43	1238.2	.	81	6	23
2104	RHODES LAKE	4658	8123	2CF16	RHODES	45	189.7	.	79	9	10
2105	RIB LAKE	4713	7943	2JE15		46	685.2	8478	81	7	1
2106	RICE LAKE	4650	8028	2DC02	MCCARTHY	45	33.1	.	79	7	11

OBS	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
2082	6.050	8.0	36.0	.	.	.	.	.	.	.	.	.	.	.
2083	7.270	329.8	79.0	22.5	.	4.4	8.2	2.15	2.00	0.45	12.50	0.016	0.012	0.07
2084	6.546	76.8	49.6	11.6	.	.	4.2	1.32	.	.	13.00	.	.	.
2085	6.858	169.8	39.0	.	73.0	8.2	5.2	1.16	0.66	0.20	5.68	0.110	0.015	.
2086	7.230	269.0	223.0	.	.	.	14.2	.	.	.	.	.	.	.
2087	6.780	42.0	56.0	.	.	.	.	.	.	.	.	.	.	.
2088	7.029	235.8	58.0	40.8	.	.	5.4	2.08	.	.	9.60	.	.	.
2089	7.000	118.0	39.0	.	.	.	.	.	.	.	.	.	.	.
2090	6.638	83.0	36.0	.	.	4.9	3.2	1.30	0.76	0.50	9.05	0.019	0.011	.
2091	6.409	157.2	55.7	78.6	.	.	4.7	1.92	.	.	9.70	.	.	.
2092	8.000	1480.0	.	.	.	.	.	.	.	.	.	.	.	.
2093	7.498	880.8	101.0	.	58.5	10.4	15.9	3.70	0.60	0.30	4.76	0.064	0.007	.
2094	7.220	119.6	39.0	4.1	.	1.7	3.8	1.05	0.70	0.30	9.50	0.020	0.002	0.01
2095	5.200	-16.0	36.0	.	.	.	.	.	.	.	.	.	.	.
2096	6.980	306.4	68.0	32.8	.	5.3	6.8	2.00	1.30	0.55	9.50	0.038	0.014	0.06
2097	5.900	40.0	25.0	.	.	.	.	.	.	.	.	.	.	.
2098	5.700	12.0	40.0	.	.	.	.	.	.	.	.	.	.	.
2099	6.700	164.0	51.0	.	.	.	.	.	.	.	.	.	.	.
2100	6.180	96.0	43.0	10.0	.	.	4.0	1.05	0.90	0.60	13.50	0.020	0.020	0.02
2101	6.812	134.4	32.0	.	29.0	5.5	4.1	0.90	0.60	0.38	5.04	0.085	0.009	.
2102	7.401	562.4	78.0	.	11.0	5.5	11.7	2.00	0.66	0.56	7.61	0.000	0.006	.
2103	6.460	76.0	40.0	31.5	.	5.9	3.2	0.95	1.60	0.80	9.50	0.038	0.018	0.11
2104	6.110	20.0	30.0	.	.	.	.	.	.	.	.	.	.	.
2105	7.330	265.6	80.0	8.5	.	4.3	6.2	2.00	3.90	0.35	12.00	0.020	0.012	0.12
2106	4.950	-12.0	45.0	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
2107	RICHARDSON LAKE	4655	8123	2CF16	RHODES	45	119.9	.	79	9
2108	RINGER LAKE	4613	8128	2CF05	TRUMAN	42	.	.	80	9
2109	RIO LAKE	4600	8112	2CF03	CARLYLE	45	33.0	35705	82	10
2110	RIT LAKE	4610	7822	2KA07	CAMERON	43	42.1	.	85	2
2111	ROBERTSON LAKE	4647	8416	2BF03	VAN KOUGHNET	44	143.4	.	81	6
2112	ROBICHAUD LAKE (PINE)	4618	7908	2JE02	BONFIELD	43	126.8	.	85	2
2113	ROCHESTER LAKE	4631	8231	2CD02	BUCKLES	41	.	.	81	3
2114	ROCK ISLAND LAKE	4635	7931	2DC04	NOTMAN	43	103.6	.	85	2
2115	ROCK LAKE	4626	8346	2CA11	PLUMMER	44	1029.5	.	78	8
2116	ROCKY ISLAND LAKE	4655	8304	2CB01	ROYAL	41	.	.	80	7
2117	ROD AND GUN LAKE	4800	8450	2BD05	LENDRUM	47	6.7	.	85	2
2118	RODD LAKE	4710	8038	2DC01	DUNDEE	45	33.6	.	80	1
2119	RODERIC LAKE	4730	8416	2BE06	CORBOY	47	264.4	.	81	6
2120	ROLLER LAKE	4755	8450	2BE01	RABAZO	47	18.2	.	85	2
2121	ROOT CELLAR LAKE (NL)	4824	8500	2BD02	ASHLEY	47	.	.	80	8
2122	ROSEMARIE LAKE	4639	8232	2CC06	PICHE	41	87.6	.	81	7
2123	ROSS LAKE (BEACH)	4644	7948	2DC07	SISK	43	15.9	.	85	2
2124	ROSSMERE LAKE	4622	8247	2CD06	MCGIVERIN	41	115.6	.	79	6
2125	ROUND LAKE	4708	8440	2BF10	KINCAID	44	18.2	.	80	6
2126	ROUND LAKE	4708	8438	2BF10	KINCAID	44	18.2	.	85	2
2127	ROUND LAKE (NL)	4623	8345	2CA11	PLUMMER	44	.	.	81	6
2128	ROUSSAIN LAKE	4643	8358	2BF03	WHITMAN	44	16.6	.	80	5
2129	RUSHBROOK LAKE	4644	8154	2CE02		42	174.2	.	81	6
2130	RUTH LAKE	4601	7931	2DD25	NIPISSING	43	197.4	.	79	5
2131	RUTH-ROY LAKE	4606	8114	2CF03	CARLYLE	45	35.0	706	81	8

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
2107	10	6.110	26.0	30.0	.	.	.	.	.	.	.	.	.	.	.
2108	3	6.860	166.0	61.0	.	.	.	.	.	.	.	.	.	.	.
2109	13	5.834	14.4	39.0	28.9	.	.	2.5	1.08	1.25	0.58	10.50	0.110	.	.
2110	26	6.427	112.2	34.0	.	.	9.9	3.6	1.00	0.76	0.56	5.35	0.108	0.051	.
2111	16	6.650	22.0	37.0	.	.	.	.	.	.	.	.	.	.	.
2112	27	7.245	254.2	46.0	.	10.5	3.8	4.7	1.55	0.86	0.90	6.05	0.003	0.000	.
2113	2	6.370	22.0	39.0	.	.	.	.	.	.	.	.	.	.	.
2114	26	5.964	16.2	24.0	.	.	6.6	2.3	0.60	0.60	0.48	5.60	0.113	0.064	.
2115	.	7.320	254.0	.	.	.	.	.	.	.	.	.	.	.	.
2116	9	7.100	198.0	43.0	.	.	.	.	.	.	.	.	.	.	.
2117	11	6.931	180.4	60.0	.	34.0	5.9	8.5	0.88	0.26	0.58	14.36	0.073	0.035	.
2118	.	5.340	-0.6	36.0	.	.	.	.	.	.	.	.	.	.	.
2119	11	6.000	52.0	33.0	.	.	.	.	.	.	.	.	.	.	.
2120	10	7.746	1014.2	183.0	.	15.5	4.5	23.0	2.24	10.00	0.84	9.65	0.007	0.007	.
2121	1	6.610	162.0	29.0	.	.	.	.	.	.	.	.	.	.	.
2122	8	6.700	80.0	38.0	.	.	.	.	.	.	.	.	.	.	.
2123	26	5.944	24.8	34.0	.	.	6.8	3.2	0.95	0.66	0.62	9.35	0.154	0.047	.
2124	6	7.000	92.0	32.0	.	.	.	.	.	.	.	.	.	.	.
2125	25	6.600	112.0	31.0	.	.	.	.	.	.	.	.	.	.	.
2126	7	6.778	114.8	31.0	.	57.5	7.6	4.3	0.72	0.70	0.46	4.78	0.120	0.032	.
2127	28	6.890	42.0	57.0	.	.	.	.	.	.	.	.	.	.	.
2128	8	6.600	84.0	.	.	.	.	.	.	.	.	.	.	.	.
2129	17	7.060	135.0	42.0	2.2	.	.	4.0	1.00	1.20	0.50	9.00	.	0.006	0.03
2130	.	6.430	80.8	39.0	.	.	.	.	.	.	.	.	.	.	.
2131	14	4.560	-45.0	33.0	-0.9	.	0.7	1.8	0.55	0.90	0.55	10.00	0.490	0.108	0.03

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
2132	SADDLE LAKE	4657	8347	2BF03	LANMING	44	110.6	.	81	3
2133	SALTER LAKE	4748	8454	2BE01	LARONDE	47	7.6	.	80	8
2134	SALTER LAKE	4748	8453	2BE01	LARONDE	47	7.6	.	85	2
2135	SALVAGE LAKE	4646	8247	2CC07	TWEEDLE	41	21.3	.	81	7
2136	SAM MARTIN LAKE	4653	8048	2DA02		45	153.1	.	81	7
2137	SAND LAKE	4745	8431	2BE04	STONEY	47	328.3	.	81	6
2138	SAND LAKE	4745	8431	2BE04	STONEY&RESTOUL	47	.	.	85	2
2139	SANDFLY LAKE	4654	8120	2CF12	BOTHA	45	36.6	.	80	7
2140	SANDY LAKE	4638	8408	2CA02	DUNCAN	44	14.6	.	80	7
2141	SANIGA LAKE (SENECA)	4828	8508	2BC01	VASILOFF	47	33.0	.	85	2
2142	SANS CHAMBRE LAKE (NL)	4642	8108	2CF13	BOWELL	45	.	.	80	7
2143	SAUSAGE LAKE	4822	8433	2BD05	CHENARD	47	56.5	.	78	7
2144	SAVAGE LAKE	4624	8200	2CE06	SHIBANANING	42	322.4	.	80	9
2145	SAWHORSE LAKE	4658	8039	2DC02	MCCONNELL	45	10.3	.	80	7
2146	SCAR LAKE	4610	8105	2CF03	ATTLEE	45	37.0	581	82	10
2147	SCULLY LAKE	4832	8421	2BD06	ST JULIEN	47	349.6	.	80	7
2148	SEAGRAM LAKE	4706	8032	2DC09		45	102.2	.	81	7
2149	SECOND LAKE (NL)	4637	8135	2CE05	ERMATINGER	45	9.5	.	81	7
2150	SELKIRK LAKE	4813	8436	2BD05	ABOTOSSAWAY	47	34.4	.	78	8
2151	SEMIWITE LAKE	4635	8241	2CC06	HEMBRUFF	41	304.6	.	80	8
2152	SERENE LAKE	4644	7924	2JE12	LASALLE	43	168.9	.	85	2
2153	SEYMOUR LAKE	4645	8314	2CC10	RIOUX	41	57.3	.	80	8
2154	SHAKASHI LAKE	4752	8415	2BD08	PAWIS	47	190.6	.	80	9
2155	SHAKWA LAKE	4646	8159	2CE07		42	648.8	.	81	7
2156	SHANTY LAKE	4646	7920	2JE12	MCAUSLAN	43	27.1	.	85	2

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
2132	4	6.370	99.8	35.0	13.0	.	.	3.2	0.90	0.90	0.40	7.00	0.047	0.007	0.06
2133	19	7.060	308.0	108.0	.	.	.	.	.	.	.	.	.	.	.
2134	10	7.046	238.4	99.0	.	47.5	7.4	8.0	1.38	8.20	0.56	8.94	0.130	0.018	.
2135	1	6.400	36.0	30.0	.	.	.	.	.	.	.	.	.	.	.
2136	21	6.050	17.6	43.0	12.1	.	3.1	4.0	0.80	0.50	0.35	14.50	0.031	0.050	0.03
2137	30	6.090	48.0	37.0	.	.	.	.	.	.	.	.	.	.	.
2138	9	6.584	60.6	30.0	.	76.5	9.9	3.8	0.76	0.76	0.44	5.19	0.250	0.025	.
2139	26	6.380	102.0	32.0	.	.	.	.	.	.	.	.	.	.	.
2140	30	6.750	60.0	32.0	.	.	.	.	.	.	.	.	.	.	.
2141	17	7.519	814.2	99.0	.	21.5	5.4	14.1	3.30	1.40	0.40	5.27	0.008	0.008	.
2142	1	5.230	-14.0	55.0	.	.	.	.	.	.	.	.	.	.	.
2143	.	7.200	397.0	.	.	.	.	.	.	.	.	.	.	.	.
2144	3	6.330	24.0	28.0	.	.	.	.	.	.	.	.	.	.	.
2145	14	6.760	142.0	43.0	.	.	.	.	.	.	.	.	.	.	.
2146	12	5.515	4.4	36.0	46.9	.	.	2.3	1.02	0.80	0.40	10.30	0.074	.	.
2147	22	7.180	276.0	55.0	.	.	.	.	.	.	.	.	.	.	.
2148	7	5.120	-6.0	36.0	7.6	.	3.2	.	.	0.80	0.45	11.50	0.160	0.084	0.04
2149	16	6.520	36.0	27.0	.	.	.	.	.	.	.	.	.	.	.
2150	.	7.540	349.0	.	.	.	.	.	.	.	.	.	.	.	.
2151	19	7.300	120.0	40.0	.	.	.	.	.	.	.	.	.	.	.
2152	25	8.040	1704.8	185.0	.	4.0	1.6	26.8	6.20	1.06	1.62	10.00	0.000	0.006	.
2153	22	7.350	206.0	40.0	.	.	.	.	.	.	.	.	.	.	.
2154	10	6.320	98.0	32.0	.	.	.	.	.	.	.	.	.	.	.
2155	2	6.460	32.6	33.0	5.4	.	2.8	2.6	0.75	1.00	0.35	8.50	0.052	0.012	0.05
2156	25	7.976	1580.4	164.0	.	3.5	1.0	25.4	4.90	1.16	1.30	5.80	0.000	0.006	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
2157	SHANTY LAKE (NL)	4612	8023	2D	MARTLAND	45	.	.	82	5
2158	SHARP LAKE	4725	7944	2JD01	BUCKE	46	71.1	.	78	10
2159	SHASTA LAKE	4744	8407	2BD08	WASWA	47	84.3	.	81	7
2160	SHEEDY LAKE	4617	7906	2JE07	BONFIELD	43	39.4	.	82	5
2161	SHOE LAKE (NL)	4646	8136	2CE02	MONCRIEFF	45	9.3	.	81	7
2162	SHOEPACK LAKE	4648	8235	2CC05	LANDRIAULT	41	40.2	.	80	8
2163	SILL LAKE	4646	8415	2BF03	VAN KOUGHNET	44	36.9	.	81	7
2164	SINAMINDA LAKE (NL)	4656	8159	2CE08	GILBERT	42	.	.	80	8
2165	SIREN LAKE	4854	8513	2BC11	MAGONE	47	90.1	.	85	2
2166	SLEITH LAKE	4810	8405	2BD10	ECHUM	47	119.1	.	81	7
2167	SLIEVERT LAKE(OLD VIENNA)	4735	8451	2BE03	ASSELIN	47	29.6	.	85	2
2168	SLIPPER LAKE	4622	8241	2CD07	GUNTERMAN	41	56.9	.	79	5
2169	SMITH LAKE	4616	7856	2JE03	CALVIN	43	188.8	.	82	5
2170	SMITH LAKE	4723	8046	2JD07		46	250.0	.	81	7
2171	SMOOTHWATER LAKE	4724	8041	2JD07		46	912.5	.	81	7
2172	SNIDER LAKE (NL)	4636	8130	2CF10	CASCADEN	45	7.5	.	81	7
2173	SNOW MELT LAKE (NL)	4617	8256	2CD08	MACK	41	.	.	81	2
2174	SOLACE LAKE	4711	8042	2DC01		45	316.8	.	81	7
2175	SOLITAIRE LAKE (FERGUSON)	4740	8426	2BE05	SUGANAQUEB	47	53.5	.	85	2
2176	SONNY LAKE	4726	8419	2BE08	GRZELA	47	.	.	81	6
2177	SOULIER LAKE (NL)	4816	8413	2BD06	BRUYERE	47	.	.	80	9
2178	SOULOUP LAKE (NL)	4819	8443	2BD05	DUMAS	47	20.9	.	80	8
2179	SOUTH GREEN HILL LAKE	4827	8353	4LH04	WINGET	47	.	.	80	7
2180	SOUTH HAMMER LAKE	4823	8506	2BD02	ALANEN	47	125.6	.	85	2
2181	SOUTH LAKE	4655	8120	2CF12	BOTHA	45	17.1	.	80	7

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
2157	12	7.312	495.4	81.5	46.9	.	.	8.4	2.92	.	.	8.30	.	.	.
2158	.	7.300	381.0	.	.	.	.	.	.	.	.	.	.	.	.
2159	17	6.240	118.0	43.0	.	.	.	.	.	.	.	.	.	.	.
2160	20	.	19999.8	59.9	22.1	.	.	5.5	1.60	.	.	7.10	.	.	.
2161	1	6.820	126.0	75.0	.	.	.	.	.	.	.	.	.	.	.
2162	22	7.250	150.0	40.0	.	.	.	.	.	.	.	.	.	.	.
2163	7	7.060	153.2	38.0	12.5	.	4.0	3.8	0.75	1.10	0.60	6.50	.	.	.
2164	20	6.640	78.0	37.0	.	.	.	.	.	.	.	.	.	.	.
2165	18	7.144	1020.4	112.0	.	53.5	10.8	16.8	4.05	0.66	0.34	3.66	0.019	0.018	.
2166	6	6.870	330.0	87.0	.	.	.	.	.	.	.	.	.	.	.
2167	10	6.778	71.6	28.0	.	12.5	2.7	3.5	0.58	0.50	0.30	5.39	0.063	0.009	.
2168	.	7.210	346.0	132.0	.	.	.	.	.	.	.	.	.	.	.
2169	20	.	19999.8	39.9	30.4	.	.	3.2	1.13	.	.	8.20	.	.	.
2170	29	5.610	0.6	32.0	-3.2	.	1.6	2.4	0.70	0.70	0.35	10.50	0.055	0.054	0.01
2171	29	5.840	4.2	37.0	-3.2	.	1.0	3.0	0.85	0.90	0.35	12.50	0.054	0.040	0.02
2172	24	5.920	8.0	32.0	.	.	.	.	.	.	.	.	.	.	.
2173	23	6.530	160.0	55.0	.	.	.	.	.	.	.	.	.	.	.
2174	7	5.520	0.4	36.0	2.2	.	2.1	2.8	0.80	0.70	0.50	11.00	0.081	0.074	0.02
2175	9	6.661	46.8	23.0	.	12.5	3.8	2.8	0.52	0.56	0.26	5.28	0.075	0.011	.
2176	19	5.370	4.0	24.0	.	.	.	.	.	.	.	.	.	.	.
2177	5	7.410	336.0	64.0	.	.	.	.	.	.	.	.	.	.	.
2178	1	6.900	322.0	65.0	.	.	.	.	.	.	.	.	.	.	.
2179	7	6.720	140.0	36.0	.	.	.	.	.	.	.	.	.	.	.
2180	17	7.090	481.8	85.0	.	16.0	6.1	8.8	2.15	4.00	0.44	4.86	0.009	0.010	.
2181	26	6.350	102.0	52.0	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
2182	SOUTH TILLEY LAKE	4701	8423	2BF06	WISHART	44	163.9	.	85	2
2183	SOUTH TWIN LAKE (NL)	4838	8524	2BC01	CECILE	47	2.0	.	80	7
2184	SPARKS LAKE	4631	7903	2JE01	BUTLER	43	33.0	.	85	2
2185	SPITZIG LAKE	4701	8001	2DC06	JOAN	46	75.6	.	79	8
2186	SPLAKE LAKE	4631	8215	2CE09	LOCHEYER	42	34.0	.	80	9
2187	SPOON LAKE	4605	8104	2CF03	KILPATRICK	45	91.0	996	82	10
2188	SPRING LAKE	4646	7917	2JE01	MCAUSLAN	43	69.7	.	85	2
2189	SPRUCE LAKE	4708	8411	2BF06	DAVIEAUX	44	71.4	.	80	5
2190	SQUIRREL LAKE	4658	8157	2CE08	DENNIE	42	235.5	.	80	8
2191	ST. JULIEN LAKE	4830	8421	4BD06	ST JULIEN	47	118.7	.	80	7
2192	ST.JULIEN LAKE	4830	8421	2BD06	ST.JULIEN	47	118.7	.	85	2
2193	STRATA LAKE	4611	8105	2CF03	ATTLEE	45	17.0	929	82	10
2194	STRAWBERRY LAKE (NL)	4656	8329	2CA02	REILLY	44	12.2	.	80	5
2195	STRICKLAND LAKE	4845	8458	2BC11	STRICKLAND	47	223.2	.	81	7
2196	STROBUS LAKE	4819	8424	2BD06	JACOBSON	47	63.5	.	78	8
2197	STROBUS LAKE (PINE)	4819	8424	2BD06	JACOBSON	47	.	.	85	2
2198	STROUTH LAKE	4625	8239	2CD07	GUNTERMAN	41	23.9	.	79	6
2199	STRUMS LAKE (NL)	4643	8347	2CA02	CURTIS	44	19.4	.	80	5
2200	STULL LAKE	4715	8047	2DC01	MCLEOD ELLIS	45	256.9	.	81	7
2201	STURGEON LAKE	4633	7925	2DD18	STEWART	43	64.0	.	85	2
2202	SUCKER LAKE	4643	7925	2JE12	LASALLE	43	168.9	.	85	2
2203	SUGAR LAKE	4721	8006	2JD02		46	231.5	.	81	7
2204	SUMMERS LAKE	4628	8245	2CD02	BEANGE	41	225.6	.	81	9
2205	SUNDERLAND LAKE (GREATER)	4902	8515	2BC11	WELSH	47	77.6	.	85	2
2206	SUNFISH LAKE	4606	8106	2CF01	HUMBOLDT	45	29.2	.	78	5

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
2182	8	7.030	256.8	46.0	.	20.0	3.4	6.5	0.92	0.86	0.38	5.28	.	0.013	.
2183	21	8.070	2690.0	275.0	.	.	.	.	.	.	.	.	.	.	.
2184	27	6.053	28.4	33.0	.	24.5	5.1	3.1	0.85	0.60	0.70	9.45	0.073	0.066	.
2185	18	7.000	184.0	71.0	.	.	.	.	.	.	.	.	.	.	.
2186	3	6.190	0.0	23.0	.	.	.	.	.	.	.	.	.	.	.
2187	12	5.622	9.6	35.0	48.0	.	.	2.6	0.94	0.84	0.52	9.20	0.120	.	.
2188	25	7.916	1120.2	131.0	.	1.5	.	18.6	4.05	1.30	1.68	9.75	0.000	0.000	.
2189	20	6.250	54.0	.	.	.	.	.	.	.	.	.	.	.	.
2190	20	6.300	48.0	35.0	.	.	.	.	.	.	.	.	.	.	.
2191	7	7.000	208.0	40.0	.	.	.	.	.	.	.	.	.	.	.
2192	14	6.719	265.6	47.0	.	13.5	4.5	5.7	1.20	0.80	.	5.54	0.007	0.015	.
2193	12	5.367	4.8	38.0	89.4	.	.	2.3	0.88	0.85	0.62	10.70	0.210	.	.
2194	9	7.220	386.0	.	.	.	.	.	.	.	.	.	.	.	.
2195	27	6.700	370.0	76.0	.	.	.	.	.	.	.	.	.	.	.
2196	.	8.390	1570.0	.	.	.	.	.	.	.	.	.	.	.	.
2197	16	7.742	1722.6	200.0	.	5.0	2.4	33.5	3.75	1.00	1.50	13.65	0.000	0.004	.
2198	7	5.980	12.0	28.0	.	.	.	.	.	.	.	.	.	.	.
2199	9	6.500	92.0	.	.	.	.	.	.	.	.	.	.	.	.
2200	29	6.130	33.0	39.0	10.8	.	2.7	3.4	0.95	0.90	0.40	12.00	0.058	0.012	0.02
2201	25	5.095	-100.0	25.0	.	76.5	7.1	2.1	0.50	0.60	0.46	6.15	0.232	0.070	.
2202	25	7.675	1134.6	135.0	.	66.0	6.9	19.5	4.60	1.06	1.26	9.45	0.020	0.036	.
2203	8	6.270	38.0	41.0	14.4	.	3.7	3.4	1.05	0.90	0.30	11.00	0.044	0.012	0.02
2204	3	5.750	16.0	.	.	.	.	.	.	.	.	.	.	.	.
2205	18	7.544	1296.2	137.0	.	23.0	7.1	20.4	4.85	0.66	0.36	3.88	0.000	0.006	.
2206	.	4.950	1.0	.	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
2207	SURF LAKE	4743	8453	2BE02	ALLOUEZ	47	46.4	.	85	2
2208	SUTHERLAND LAKE	4818	8444	2BD05	DUMAS	47	77.8	.	85	2
2209	SWINN LAKE	4619	8327	2CC03	KIRKWOOD	41	135.7	.	81	6
2210	TABOR LAKE	4749	8433	2BD07	RESTOULE	47	34.6	.	85	2
2211	TANK LAKE (NL)	4645	8100	2CF07	WISNER	45	20.7	.	80	6
2212	TEA LAKE	4626	8255	2CD08	TIMMERMANS	41	.	.	81	2
2213	TEASDALE LAKE	4629	8230	2CD02	BUCKLES	41	131.6	.	80	8
2214	TEN MILE LAKE	4631	8247	2CD02	BEANGE	41	933.1	.	81	3
2215	TENT LAKE	4651	7945	2DC07	MILNE	46	53.2	.	79	7
2216	TERRY LAKE	4604	8117	2CF03	CARLYLE	45	10.1	.	80	3
2217	THREE LAKES LAKE	4650	8306	2CB01	WARDLE	41	.	.	80	8
2218	THREETRAILS LAKE	4644	7916	2JE02	MCAUSLAN	43	33.2	.	85	2
2219	TIKAMAGANDA LAKE	4731	8411	2BE11	EAKET	47	439.2	.	81	6
2220	TIKAMAGANDA LAKE	4731	8411	2BE11	EAKET	47	.	.	85	2
2221	TILDEN LAKE	4637	7939	2DC04	GLADMAN	43	479.5	.	85	2
2222	TILL LAKE	4745	8455	2BE01	LARONDE	47	29.5	.	85	2
2223	TILLIE LAKE	4703	8100	2DA05		45	67.9	.	81	7
2224	TILTON LAKE	4622	8105	2C	TILTON	45	.	.	82	5
2225	TIMBER LAKE	4630	7903	2JE01		43	124.7	.	81	6
2226	TOCHERI LAKE	4903	8509	2BC11	MATTHEWS	47	865.6	.	80	8
2227	TOCHERI LAKE (SHEILA)	4903	8509	2BC11	MATTHEWS	47	865.6	.	85	2
2228	TOODEE LAKE	4645	8310	2CC10	SIMONS	41	138.7	.	80	8
2229	TOOSEE LAKE	4647	8259	2CB01	SIEVERT	41	54.7	.	80	8
2230	TOWCHAIN LAKE	4653	8119	2CF16	TYRONE	45	11.8	.	80	7
2231	TRANSPARENT LAKE	4627	7856	2J	OLRIG	43	.	.	82	5

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
2207	10	7.216	186.8	40.0	.	9.5	3.6	5.3	0.76	0.56	0.36	6.22	0.080	0.007	.
2208	14	7.027	474.0	78.0	.	89.0	12.1	11.6	1.95	1.16	.	8.02	0.099	0.021	.
2209	8	7.200	396.0	68.0	.	.	.	.	.	.	.	.	.	.	.
2210	10	6.904	135.0	37.0	.	66.5	7.5	4.6	1.02	0.90	0.40	6.37	0.240	0.028	.
2211	11	5.850	6.0	49.0	.	.	.	.	.	.	.	.	.	.	.
2212	26	6.480	96.0	44.0	.	.	.	.	.	.	.	.	.	.	.
2213	24	7.800	350.0	71.0	.	.	.	.	.	.	.	.	.	.	.
2214	18	6.420	24.0	36.0	.	.	.	.	.	.	.	.	.	.	.
2215	10	6.800	182.0	59.0	.	.	.	.	.	.	.	.	.	.	.
2216	.	5.000	-6.4	40.0	.	.	.	.	.	.	.	.	.	.	.
2217	10	8.050	646.0	100.0	.	.	.	.	.	.	.	.	.	.	.
2218	25	6.906	116.6	35.0	.	4.5	1.6	3.3	0.95	0.90	0.66	7.20	0.000	0.008	.
2219	30	6.300	66.0	.	.	.	.	.	.	.	.	.	.	.	.
2220	9	6.716	79.0	26.0	.	29.0	5.3	3.2	0.72	0.56	0.32	4.86	0.093	0.008	.
2221	26	6.289	41.0	46.0	.	.	8.2	3.4	0.95	2.90	0.60	8.50	0.105	0.038	.
2222	10	7.044	156.4	41.0	.	19.0	4.5	5.6	0.74	0.56	0.38	7.51	0.064	0.007	.
2223	21	4.890	-10.4	33.0	56.2	.	5.5	2.4	0.75	0.60	0.40	12.00	0.190	0.098	0.50
2224	21	5.319	-2.8	57.9	6.2	.	.	4.9	1.18	.	.	15.40	.	.	.
2225	23	6.110	34.2	41.0	22.9	.	4.7	2.8	0.90	1.50	0.60	10.00	0.120	0.034	0.08
2226	17	8.040	1032.0	111.0	.	.	.	.	.	.	.	.	.	.	.
2227	18	7.276	1684.8	172.0	.	28.0	9.2	26.5	6.05	0.76	0.66	2.99	0.002	0.027	.
2228	22	6.700	102.0	35.0	.	.	.	.	.	.	.	.	.	.	.
2229	22	7.250	122.0	30.0	.	.	.	.	.	.	.	.	.	.	.
2230	26	6.260	38.0	29.0	.	.	.	.	.	.	.	.	.	.	.
2231	19	6.888	94.4	39.4	7.8	.	.	2.8	0.92	.	.	8.70	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
2232	TREEBY LAKE	4752	8451	2BE01	RABAZO	47	129.6	.	80	7
2233	TREEBY LAKE	4753	8451	2BE01	LENDRUM	47	129.6	.	85	2
2234	TRETHEWEY LAKE	4726	8030	2JD04		46	565.7	.	81	7
2235	TRIBBLE LAKE	4707	8401	2BF06	DESBIENS	44	78.7	.	85	2
2236	TROUPE LAKE	4818	8433	2BD05	DUNPHY	47	103.3	.	81	7
2237	TROUT LAKE	4618	7920	2JE02	EAST FERRIS	43	1674.7	.	82	5
2238	TROUT LAKE	4638	8415	2CA01	AWERES	44	239.8	.	79	9
2239	TROUT LAKE	4702	8404	2BF06	DABLON	44	243.8	.	80	6
2240	TROUT LAKE	4613	8035	2DD04		45	930.3	.	81	6
2241	TROUTBAIT LAKE	4648	7917	2JE01	PARKMAN	43	23.3	.	85	2
2242	TUBE LAKE	4614	8217	2CD03	VICTORIA	42	114.8	.	78	7
2243	TUKANEE LAKE	4838	8513	2BC01	COMMON	47	332.4	.	78	8
2244	TUPPER LAKE	4650	8417	2BF03	TUPPER	44	51.4	.	81	5
2245	TURBID LAKE	4607	8111	2CF03	GOSCHEN	45	17.0	836	82	10
2246	TURKEY LAKE (BIG TURKEY)	4703	8425	2BF05	WISHART	44	52.2	.	85	2
2247	TWENTYTHREE MILE LAKE	4709	8243	2CB04	LELUK	41	47.1	.	81	8
2248	TWIST LAKE (CROOKED)	4628	7857	2JE01	ANTOINE	43	55.2	.	85	2
2249	TWO MILE LAKE	4628	7921	2JE09	MULOCK	43	14.2	.	85	2
2250	TYSON CHANNEL	4607	8103	2CF03	ATTLEE	45	61.0	4087	82	10
2251	TYSON LAKE	4607	8107	2CF03		45	1143.1	.	81	7
2252	TYSON LAKE (EAST BAY)	4607	8107	2CF03	SALE	45	1079.0	16043	82	10
2253	UNDERHILL LAKE	4753	8449	2BE01	RABAZO	47	12.9	.	85	2
2254	UNIVERSITY LAKE	4823	8510	2BD02	ALANEN	47	286.7	.	85	2
2255	UNNAMED LAKE (NL)	4807	8440	2BD06	CORBIERE	47	.	.	80	9
2256	UNNAMED LAKE (NL)	4823	8444	2BD05	CARMODY	47	.	.	80	9

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
2232	17	6.930	306.0	73.0	.	.	.	.	.	.	.	.	.	.	.
2233	10	7.425	356.0	68.0	.	27	5.4	9.4	1.24	1.80	0.48	8.18	0.017	0.010	.
2234	9	5.710	8.2	35.0	11.2	.	3.1	2.6	0.80	0.80	0.35	10.50	0.054	0.050	0.03
2235	7	7.334	452.0	62.0	.	9	4.0	10.8	0.76	0.30	0.26	4.63	0.003	0.010	.
2236	6	6.850	222.0	82.0	.	.	.	.	.	.	.	.	.	.	.
2237	14	7.066	179.8	77.8	15.5	.	.	4.8	1.24	.	.	10.00	.	.	.
2238	.	6.610	67.2	29.0	.	.	.	.	.	.	.	.	.	.	.
2239	19	6.670	56.0	35.0	.	.	.	.	.	.	.	.	.	.	.
2240	23	6.550	102.6	45.0	28.4	.	6.1	4.0	1.50	1.30	1.05	11.50	0.051	0.020	0.13
2241	25	8.350	2806.0	282.0	.	2	0.8	44.0	9.95	0.96	2.98	12.25	0.000	0.000	.
2242	.	6.580	62.0	.	.	.	.	.	.	.	.	.	.	.	.
2243	.	7.730	476.0	.	.	.	.	.	.	.	.	.	.	.	.
2244	6	6.750	76.0	.	.	.	.	.	.	.	.	.	.	.	.
2245	13	4.808	-19.0	36.0	9.2	.	.	2.1	0.78	0.75	0.24	10.70	0.190	.	.
2246	8	7.028	179.2	38.0	.	10	2.7	5.7	0.50	0.56	0.22	5.45	.	0.007	.
2247	12	5.850	46.0	36.0	.	.	.	.	.	.	.	.	.	.	.
2248	27	6.831	105.2	42.0	.	15	3.1	3.5	1.05	1.40	1.14	9.00	0.031	0.015	.
2249	25	5.180	-100.0	29.0	.	118	9.9	2.6	0.50	0.66	0.56	6.75	0.244	0.090	.
2250	12	5.531	10.2	36.0	54.8	.	.	2.3	1.00	1.05	0.42	9.70	0.150	.	.
2251	13	5.290	-2.4	40.0	9.9	.	3.3	2.8	1.05	1.20	0.45	13.50	0.110	0.086	0.06
2252	13	5.653	1.8	38.0	4.7	.	.	2.5	1.04	0.85	0.48	11.70	0.070	.	.
2253	10	7.900	1348.2	155.0	.	10	4.0	27.7	2.32	1.00	0.80	9.53	0.000	0.009	.
2254	17	7.023	717.6	108.0	.	47	8.2	12.7	3.15	4.50	0.52	5.18	0.031	0.031	.
2255	4	7.860	1186.0	205.0	.	.	.	.	.	.	.	.	.	.	.
2256	4	7.290	1092.0	133.0	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
2257	UNNAMED 1H09 LAKE (NL)	4759	8501	2BD03	BOSTWICK	47	.	.	80	9
2258	UNNAMED 1H10 LAKE (NL)	4758	8501	2BD03	BOSTWICK	47	.	.	80	9
2259	UNNAMED 1H22 LAKE (NL)	4759	8500	2BD04	BOSTWICK	47	.	.	80	9
2260	UNNAMED 1H25 LAKE (NL)	4759	8457	2BD04	BOSTWICK	47	.	.	80	9
2261	UNNAMED 2K21 LAKE (NL)	4805	8443	2BD05	CHABANEL	47	.	.	80	9
2262	UNNAMED 2K30 LAKE (NL)	4804	8444	2BD05	CHABANEL	47	.	.	80	9
2263	UNNAMED 2002 LAKE (NL)	4807	8416	2BD06	DEBASSIGE	47	.	.	80	9
2264	UNNAMED 2P41 LAKE (NL)	4803	8405	2BD08	LAFORME	47	.	.	80	9
2265	UNNAMED 2P58 LAKE (NL)	4802	8403	2BD08	LAFORME	47	.	.	80	9
2266	UNNAMED 2P59 LAKE (NL)	4802	8402	2BD08	LAFORME	47	.	.	80	9
2267	UNNAMED 3L68 LAKE (NL)	4807	8440	2BD06	CORBIERE	47	.	.	80	9
2268	UNNAMED 3M37 LAKE (NL)	4810	8431	2BD06	COWIE	47	.	.	80	9
2269	UNNAMED 3M62 LAKE (NL)	4809	8431	2BD06	COWIE	47	.	.	80	9
2270	UNNAMED 3N26 LAKE (NL)	4809	8420	2BD06	DEBASSIGE	47	.	.	80	9
2271	UNNAMED 3N38 LAKE (NL)	4807	8416	2BD06	DEBASSIGE	47	.	.	80	9
2272	UNNAMED 3041 LAKE (NL)	4807	8414	2BD06	DOLSON	47	.	.	80	9
2273	UNNAMED 3048 LAKE (NL)	4807	8412	2BD06	DOLSON	47	.	.	80	9
2274	UNNAMED 4K05 LAKE (NL)	4816	8454	2BD02	LALIBERT	47	.	.	80	9
2275	UNNAMED 4L41 LAKE (NL)	4813	8446	2BD05	LECLAIRE	47	.	.	80	9
2276	UNNAMED 4M10 LAKE (NL)	4817	8434	2BD05	ABOTOSSAWAY	47	.	.	80	9
2277	UNNAMED 4M29 LAKE (NL)	4815	8434	2BD05	ABOTOSSAWAY	47	.	.	80	9
2278	UNNAMED 4M60 LAKE (NL)	4812	8437	2BD05	ABOTOSSAWAY	47	.	.	80	9
2279	UNNAMED 4M65 LAKE (NL)	4812	8437	2BD05	ABOTOSSAWAY	47	.	.	80	9
2280	UNNAMED 4N31 LAKE (NL)	4814	8427	2BD06	AGUONIE	47	.	.	80	9
2281	UNNAMED 4N32 LAKE (NL)	4814	8427	2BD06	AGUONIE	47	.	.	80	9

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
2257	6	4.650	-14.0	33.0	.	.	.	.	.	.	.	.	.	.	.
2258	6	4.610	-14.0	30.0	.	.	.	.	.	.	.	.	.	.	.
2259	6	4.500	-28.0	34.0	.	.	.	.	.	.	.	.	.	.	.
2260	6	5.310	6.0	33.0	.	.	.	.	.	.	.	.	.	.	.
2261	4	7.420	362.0	158.0	.	.	.	.	.	.	.	.	.	.	.
2262	4	3.680	-216.0	370.0	.	.	.	.	.	.	.	.	.	.	.
2263	5	5.640	30.0	36.0	.	.	.	.	.	.	.	.	.	.	.
2264	5	6.250	38.0	43.0	.	.	.	.	.	.	.	.	.	.	.
2265	5	6.700	152.0	38.0	.	.	.	.	.	.	.	.	.	.	.
2266	5	5.720	18.0	25.0	.	.	.	.	.	.	.	.	.	.	.
2267	4	7.250	380.0	151.0	.	.	.	.	.	.	.	.	.	.	.
2268	6	6.930	144.0	61.0	.	.	.	.	.	.	.	.	.	.	.
2269	6	7.110	268.0	60.0	.	.	.	.	.	.	.	.	.	.	.
2270	6	6.420	80.0	42.0	.	.	.	.	.	.	.	.	.	.	.
2271	5	5.810	22.0	31.0	.	.	.	.	.	.	.	.	.	.	.
2272	5	7.200	338.0	70.0	.	.	.	.	.	.	.	.	.	.	.
2273	5	6.670	144.0	45.0	.	.	.	.	.	.	.	.	.	.	.
2274	4	7.490	546.0	193.0	.	.	.	.	.	.	.	.	.	.	.
2275	4	6.900	276.0	57.0	.	.	.	.	.	.	.	.	.	.	.
2276	6	7.430	470.0	95.0	.	.	.	.	.	.	.	.	.	.	.
2277	6	7.200	356.0	76.0	.	.	.	.	.	.	.	.	.	.	.
2278	4	7.010	308.0	71.0	.	.	.	.	.	.	.	.	.	.	.
2279	4	7.250	450.0	99.0	.	.	.	.	.	.	.	.	.	.	.
2280	6	7.080	274.0	71.0	.	.	.	.	.	.	.	.	.	.	.
2281	6	7.200	354.0	85.0	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH	DAY
2282	UNNAMED 5N16 LAKE (NL)	4819	8431	2BD05	FINAN	47	.	.	80	9	6
2283	UNNAMED 5N28 LAKE (NL)	4818	8429	2BD05	FINAN	47	.	.	80	9	6
2284	UNNAMED 5P05 LAKE (NL)	4820	8416	2BD06	RIGGS	47	.	.	80	9	5
2285	UNNAMED 5P27 LAKE (NL)	4818	8412	2BD06	RIGGS	47	.	.	80	9	5
2286	UNNAMED 6H10 LAKE (NL)	4826	8512	2BC01	MEMASKWOSH	47	.	.	81	6	3
2287	UNNAMED 6H19 LAKE (NL)	4826	8512	2BC01	MEMASKWOSH	47	.	.	81	6	3
2288	UNNAMED 6L39 LAKE (NL)	4824	8442	2BD05	CARMODY	47	.	.	80	9	4
2289	UNNAMED 6L48 LAKE (NL)	4822	8444	2BD05	CARMODY	47	.	.	80	9	4
2290	UNNAMED 7P08 LAKE (NL)	4832	8417	2BD06	ST JULIEN	47	.	.	80	9	5
2291	UNNAMED 7P19 LAKE (NL)	4831	8416	2BD06	ST JULIEN	47	.	.	80	9	5
2292	UNNAMED 7P28 LAKE (NL)	4829	8417	2BD06	ST JULIEN	47	.	.	80	9	5
2293	UNNAMED 7P44 LAKE (NL)	4827	8417	2BD06	ST JULIEN	47	.	.	80	9	5
2294	UNNAMED 7Q01 LAKE (NL)	4831	8415	2BD06	CHALLENGER	47	.	.	80	9	5
2295	UNNAMED 8N42 LAKE (NL)	4833	8418	2BD06	SIMPSON	47	.	.	80	9	5
2296	UPPER BARK LAKE	4700	8230	2CB01	COMOX	42	.	.	80	7	24
2297	UPPER DUFFY LAKE(U.KAWAWE	4833	8459	2BC01	COOPER	47	259.7	.	85	2	17
2298	UPPER EAGLE NEST LAKE (NL	4655	8030	2DC02	SHEPPARD	45	2.5	.	79	8	28
2299	UPPER GREEN LAKE	4701	8144	2CE02		45	71.3	.	80	1	14
2300	UPPER ISLAND LAKE	4640	8415	2CA01	AWERES	44	151.9	.	79	9	.
2301	UPPER PANCAKE LAKE	4706	8437	2BF04	KINCAID	44	85.9	.	85	2	7
2302	UPPER STURGEON LAKE	4608	8036	2DD01	DELAMERE	45	103.9	.	79	9	10
2303	VALENTINE LAKE	4853	8510	2BC11	HAMBLETON	47	55.7	.	85	2	18
2304	VAN REEK LAKE(HONEYSTICK)	4802	8438	2BD06	ESQUEGA	47	50.3	.	85	2	16
2305	VERMILION LAKE	4630	8126	2CF07	FAIRBANK	45	1079.0	73935.0	82	5	17
2306	VIGNETTE LAKE	4643	8132	2CE05	HESS	45	.	.	80	7	29

OBS	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
2282	7.960	808.0	108.0	.	.	.	.	.	.	.	.	.	.	.
2283	7.650	738.0	99.0	.	.	.	.	.	.	.	.	.	.	.
2284	7.950	938.0	122.0	.	.	.	.	.	.	.	.	.	.	.
2285	7.510	688.0	113.0	.	.	.	.	.	.	.	.	.	.	.
2286	7.400	590.0	97.0	.	.	.	.	.	.	.	.	.	.	.
2287	7.880	2040.0	185.0	.	.	.	.	.	.	.	.	.	.	.
2288	7.000	412.0	65.0	.	.	.	.	.	.	.	.	.	.	.
2289	7.490	722.0	105.0	.	.	.	.	.	.	.	.	.	.	.
2290	7.220	416.0	81.0	.	.	.	.	.	.	.	.	.	.	.
2291	7.290	402.0	71.0	.	.	.	.	.	.	.	.	.	.	.
2292	7.210	350.0	62.0	.	.	.	.	.	.	.	.	.	.	.
2293	6.280	70.0	32.0	.	.	.	.	.	.	.	.	.	.	.
2294	6.620	162.0	47.0	.	.	.	.	.	.	.	.	.	.	.
2295	7.360	454.0	74.0	.	.	.	.	.	.	.	.	.	.	.
2296	6.550	94.0	42.0	.	.	.	.	.	.	.	.	.	.	.
2297	7.308	341.6	51.0	.	10.5	3.9	6.4	1.45	0.80	0.32	5.44	0.007	0.006	.
2298	6.100	52.0	.	.	.	.	.	.	.	.	.	.	.	.
2299	6.080	29.2	38.0	6.8	.	.	3.4	0.70	0.90	0.45	11.50	0.060	0.040	0.053
2300	6.980	127.0	43.0	.	.	.	.	.	.	.	.	.	.	.
2301	6.730	82.4	24.0	.	18.5	4.2	3.3	0.46	0.60	0.28	4.50	0.033	0.009	.
2302	6.720	112.0	38.0	.	.	.	.	.	.	.	.	.	.	.
2303	7.467	1433.6	149.0	.	67.5	13.4	23.4	5.80	0.66	0.38	3.13	0.003	0.010	.
2304	6.837	216.8	52.0	.	33.5	6.5	6.2	1.65	0.66	0.70	10.06	0.070	0.008	.
2305	6.998	19999.8	68.1	36.1	.	.	6.9	1.62	.	.	15.30	.	.	.
2306	6.860	116.0	.	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
2307	VIRIDIAN LAKE	4738	8438	2BE04	BARAGER	47	.	.	81	6
2308	WABAGISHIK LAKE	4618	8135	2CF07	FOSTER	42	570.0	.	79	5
2309	WABATONGUSHI LAKE	4826	8413	2BD06	GLASGOW	47	3790.8	.	78	8
2310	WABENUNG LAKE	4824	8448	2BD05	CARMODY	47	124.2	.	85	2
2311	WABIGOON LAKE	4741	8441	2BD07	STONE	47	69.8	.	85	2
2312	WADDELL LAKE	4645	8052	2DA01	NORMAN	45	67.3	.	80	2
2313	WAGKICH LAKE	4702	7946	2JE15	STRATHCONA	46	40.4	.	79	6
2314	WAKOMATA LAKE	4634	8322	2CC08		41	2470.5	22540.9	81	6
2315	WALKER LAKE	4612	8130	2CF05	TRUMAN	42	339.6	.	80	9
2316	WALKER LAKE	4649	8420	2BF11	TUPPER	44	34.3	.	78	8
2317	WALLACE LAKE	4808	8432	2BD06	COWIE	47	27.1	.	85	2
2318	WALLIS 17 LAKE (NL)	4732	8027	2JD04	WALLIS	46	.	.	79	6
2319	WALLIS 18 LAKE (NL)	4732	8027	2JD04	WALLIS	46	.	.	79	6
2320	WALLS LAKE	4633	8434	2BF01	PRINCE	44	23.0	.	85	2
2321	WARD LAKE	4757	8445	2BD06	MCMURRAY	47	15.4	.	80	7
2322	WART LAKE	4710	8408	2BF06	VIBERT	44	424.8	.	79	5
2323	WASIASHKASHI LAKE	4648	8020	2DC01	MACBETH	43	.	.	80	8
2324	WAWA LAKE	4801	8443	2BD06	MCMURRAY	47	678.0	.	79	9
2325	WAWIASHKASHI(GRASSY)	4648	8020	2D	MACBETH	43	.	.	82	5
2326	WAWIGAMI LAKE (ROUND)	4839	8501	2BC01	TEDDER	47	260.8	.	85	2
2327	WEASHKOG LAKE	4639	8409	2CA02	JARVIS	44	36.5	.	81	9
2328	WEBB LAKE (LITTLE WEBB)	4649	7916	2JE01	PARKMAN	43	8.1	.	85	2
2329	WEEQUED LAKE	4635	8137	2CE05		45	217.9	.	80	1
2330	WEST ADOBE LAKE (NL)	4652	8028	2DC02	MCCARTHY	45	23.8	.	79	8
2331	WEST ANDRE LAKE (NL)	4808	8440	2BD05	MUSQUASH	47	83.8	.	78	7

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
2307	18	6.300	68.0	40.0	.	.	.	.	.	.	.	.	.	.	.
2308	.	7.040	210.0	118.0	.	.	.	.	.	.	.	.	.	.	.
2309	.	7.710	621.0	.	.	.	.	.	.	.	.	.	.	.	.
2310	14	6.462	157.4	35.0	.	28.0	6.5	4.1	0.95	0.66	.	5.50	0.090	0.028	.
2311	10	6.459	57.6	27.0	.	85.0	9.9	3.6	0.54	0.56	0.48	4.32	0.180	0.030	.
2312	.	6.220	44.8	51.0	.	.	.	.	.	.	.	.	.	.	.
2313	14	7.050	220.0	61.0	.	.	.	.	.	.	.	.	.	.	.
2314	30	7.080	108.8	40.0	2.7	.	2.1	3.4	0.85	0.90	0.30	8.00	0.009	0.002	0.01
2315	3	6.920	68.0	78.0	.	.	.	.	.	.	.	.	.	.	.
2316	.	6.560	93.6	.	.	.	.	.	.	.	.	.	.	.	.
2317	16	7.451	697.2	131.0	.	26.0	4.3	20.2	2.65	0.80	0.50	23.80	0.031	0.030	.
2318	20	4.300	-46.0	50.0	.	.	.	.	.	.	.	.	.	.	.
2319	19	4.400	-36.0	40.0	.	.	.	.	.	.	.	.	.	.	.
2320	8	6.350	151.2	36.0	.	59.0	7.6	4.3	0.98	0.66	0.48	4.98	0.110	0.188	.
2321	31	6.270	192.0	51.0	.	.	.	.	.	.	.	.	.	.	.
2322	.	6.180	71.8	30.0	.	.	.	.	.	.	.	.	.	.	.
2323	7	7.200	178.0	72.0	.	.	.	.	.	.	.	.	.	.	.
2324	.	7.990	845.0	172.0	.	.	.	.	.	.	.	.	.	.	.
2325	21	7.097	19999.8	57.6	10.5	.	.	6.7	1.49	.	.	13.30	.	.	.
2326	18	7.466	1274.8	139.0	.	21.5	6.0	20.6	4.45	1.10	0.42	4.49	0.007	0.005	.
2327	3	5.800	12.0	30.0	.	.	.	.	.	.	.	.	.	.	.
2328	25	8.208	2884.0	292.0	.	5.0	0.1	46.1	10.30	0.90	2.80	12.70	0.000	0.000	.
2329	14	6.040	43.8	37.0	24.0	.	.	3.8	0.65	0.80	0.60	10.50	0.010	0.020	0.03
2330	18	6.000	22.0	37.0	.	.	.	.	.	.	.	.	.	.	.
2331	.	7.590	400.0	.	.	.	.	.	.	.	.	.	.	.	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH
2332	WEST AUMOND LAKE	4612	7834	2KA08	CAMERON	43	82.2	.	85	2
2333	WEST BAY LAKE	4614	8134	2CF05	TRUMAN	42	.	.	80	8
2334	WEST JOCO LAKE	4708	8438	2BF04	KINCAID	44	.	.	80	6
2335	WEST JOCO LAKE (SUCKER)	4708	8437	2BF04	KINCAID	44	.	.	85	2
2336	WEST KABENUNG LAKE	4816	8503	2BD02	KNICELY	47	1557.8	.	80	8
2337	WHISKEY LAKE	4625	8220	2CD02	GAIASHK	42	917.3	.	78	7
2338	WHITE BIRCH LAKE	4641	8408	2BF03	JARVIS	44	7.7	.	81	5
2339	WHITE LAKE	4847	8537	2BC01	UNORGANIZED	47	5892.9	.	80	8
2340	WHITE PINE LAKE	4718	8049	2DC01	MCLEOD	45	66.9	.	80	1
2341	WHITE ROCK LAKE	4703	8322	2CB02	MCNIE	41	81.8	.	80	8
2342	WHITE SPRUCE LAKE	4739	8437	2BE04	BARAGER	47	.	.	81	6
2343	WHITEFISH LAKE	4801	8428	2BD06	FIDDLER	47	1822.5	.	80	8
2344	WHITEFISH LAKE (NL)	4632	8134	2CF10	ERMATINGER	45	30.3	.	80	7
2345	WHITEPINE LAKE	4723	8038	2JD07		46	77.8	.	81	7
2346	WHITEWATER LAKE	4632	8109	2CF07	RAYSIDE	45	945.2	11255.5	79	5
2347	WHITSON LAKE	4635	8058	2C	BLEZARD	45	.	.	82	5
2348	WICKSTEED LAKE	4646	7940	2DC07	KENNY	43	1313.7	32509.0	80	8
2349	WILDCAT LAKE	4733	8441	2BE04	BROOME	47	88.7	.	81	7
2350	WINDY LAKE	4636	8127	2CF16		45	1112.0	.	81	7
2351	WISTIWASING LAKE	4608	7913	2DD22	CHISHOLM	43	628.2	.	82	5
2352	WOLFE LAKE	4652	8415	2BF03	TUPPER	44	116.4	.	81	8
2353	WOLSEY LAKE	4550	8232	2CG19	MILLS	42	2316.9	.	80	6
2354	WYSE LAKE	4644	7915	2JE01	WYSE	43	59.9	.	85	2
2355	YORSTON LAKE	4703	8032	2DC09		45	351.4	.	81	7
2356	YORSTON RIVER POOL	4707	8034	2DC09	SEAGRAM	45	35.1	.	85	2

OBS	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	MN	FE
2332	26	6.352	69.0	35.0	.	.	.	3.4	1.20	0.80	0.42	7.95	0.066	0.025	.
2333	29	6.690	126.0	54.0	.	.	.	.	.	.	.	.	.	.	.
2334	26	6.900	102.0	29.0	.	.	.	.	.	.	.	.	.	.	.
2335	7	6.848	110.8	25.0	.	15.0	3.6	3.5	0.52	0.50	0.28	4.26	0.019	0.010	.
2336	2	6.890	254.0	62.0	.	.	.	.	.	.	.	.	.	.	.
2337	.	5.500	-0.2	.	.	.	.	.	.	.	.	.	.	.	.
2338	21	6.150	30.0	.	.	.	.	.	.	.	.	.	.	.	.
2339	22	7.990	1246.0	114.0	.	.	.	.	.	.	.	.	.	.	.
2340	.	5.400	-1.4	37.0	.	.	.	.	.	.	.	.	.	.	.
2341	7	7.200	130.0	37.0	.	.	.	.	.	.	.	.	.	.	.
2342	18	6.120	78.0	45.0	.	.	.	.	.	.	.	.	.	.	.
2343	28	7.230	434.0	31.0	.	.	.	.	.	.	.	.	.	.	.
2344	23	5.350	2.0	26.0	.	.	.	.	.	.	.	.	.	.	.
2345	9	4.790	-15.8	33.0	7.2	.	1.8	2.0	0.65	0.70	0.40	9.50	0.220	0.130	0.05
2346	.	7.540	575.0	140.0	.	.	.	.	.	.	.	.	.	.	.
2347	19	5.838	12.0	105.0	16.1	.	.	6.0	1.97	.	.	20.70	.	.	.
2348	3	6.850	162.0	44.0	.	.	.	.	.	.	.	.	.	.	.
2349	7	5.710	20.0	34.0	.	.	.	.	.	.	.	.	.	.	.
2350	16	6.530	37.2	54.0	13.5	.	2.5	3.4	1.10	3.00	0.45	11.00	0.020	0.018	0.04
2351	19	7.200	210.6	48.3	65.6	.	.	4.6	1.54	.	.	7.10	.	.	.
2352	12	5.990	6.0	27.0	.	.	.	.	.	.	.	.	.	.	.
2353	13	8.220	1728.0	192.0	.	.	.	.	.	.	.	.	.	.	.
2354	25	7.479	485.0	71.0	.	1.5	1.4	9.1	2.15	1.06	1.02	8.80	0.000	0.000	.
2355	7	6.190	13.8	44.0	3.6	.	2.6	3.2	0.80	0.70	0.40	15.00	0.043	0.066	0.01
2356	20	6.052	19.2	43.0	.	5.0	2.7	4.7	0.80	0.60	0.34	15.80	0.016	0.033	.

OBS	LAKE	LAT	LONG	WSHED	TWP	DIST	LKAREA	WSHEDA	YR	MONTH	DAY	PH	TIA	COND	COLAP	COLTR	DOC	CA	MG	NA	K	SO4	AL	HN	FE
2357	YOUNG WEASLE LAKE (NL)	4658	8020	2DC08	AFTON	43	.	.	80	7	26	4.15	-32	51	.	.	.	.	.	.	.	.	.	.	.

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